SCOPE OF WORK

THIS IS A NEW PROJECT AND THE SCOPE OF WORK INCLUDES THE FOLLOWING:

BUILDING

INTERIOR

ELECTRICAL

MECHANICAL

PLUMBING

SITE WORK

LANDSCAPING

CONTRACTORS SHALL BE RESPONSIBLE TO PROVIDE SUFFICIENT MEASURES TO CONTROL DUST, DEBRIS, AND EROSION IN ACCORDANCE WITH LOCAL AND JURISDICTIONAL REQUIREMENTS.

EGRESS / LIFE SAFETY

CONTRACTOR SHALL MAINTAIN ALL EMERGENCY EGRESS PATHWAYS AND LIFE SAFETY EQUIPMENT (TO INCLUDE EXIT LIGHTS, EMERGENCY LIGHTS) DURING OPERATING HOURS. IN THE EVENT OF CONFLICT WITH NEW CONSTRUCTION, OR SKYCRAWL EQUIPMENT, CONTRACTOR SHALL ADVISE ARCHITECT AND RELOCATE FIXTURE TO MAINTAIN EFFECTIVENESS OF LIFE SAFETY EQUIPMENT.

CODE INDEX

ZONING	GRAPEVINE MILLS CITY OF GRAPEVINE, TX 96-05 COMMUNITY COMMERCIAL CC
PARKING REQUIRED:	144 SPACES
PARKING PROVIDED:	146 SPACES
BUILDING	~~UBC '97~~ UBC 1994 & LOCAL AMENDMENTS
OCCUPANCY CLASS:	A2.1 ASSEMBLY
CONSTRUCTION TYPE:	TYPE V (W/ ~~1 HOUR FIRE SPRINKLER SUBSTITUTION~~) 1 HR SPKLR
BUILDING AREA:	11,957 SQ. FT.
SEATING CAPACITY:	~~253~~ 408 PERSONS
TOTAL EGRESS PROVIDED:	170"
MECHANICAL	UNIFORM MECH. CODE ~~'94~~ 'OK
ELECTRICAL	NATIONAL ELECTRIC CODE, CURRENT EDITION
PLUMBING	UNIFORM PLUMBING CODE ~~'94~~ 'OK
HEALTH	CITY OF ~~EULESS~~ GRAPEVINE, TX
FIRE	NFPA 72, 2000 ED.
ACCESSIBILITY	ADA, TEXAS ACCESSIBILITY STANDARDS (TAS)

CONTACTS

OWNER
CEC ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
P.O. BOX 152077
IRVING, TEXAS 75062
TEL. 972-258-8507

ARCHITECT
C.T. CHANG
C.T. CHANG & ASSOCIATES
1010 EULESS BOULEVARD (HIGHWAY 10) SUITE 110
EULESS, TEXAS 76040
TEL. 817-354-6010 FAX. 817-571-1919

PROJECT MANAGER
DAVID DOTTER
PARKWAY CONSTUCTION CO.
1000 CIVIC CIRCLE
LEWISVILLE, TEXAS 75067
TEL. 927-221-1979

M.E.P. CONSULTANT
JOSEPH V. SCHULTES, P.E.
J. V. ENGINEERING CONSULTANTS
840 TIMBERTOP CRT.
COLORADO SPRINGS, CO 80921-3563
TEL. 719-481-0192

STRUCTURAL ENGINEER
MOWLESH RAMARAPU, MS, P.E.
INTEC SERVICES, INC.
3113 S. UNIVERSITY DRIVE
SUITE 301
FORT WORTH, TX 76109
TEL. 817-927-3049

FLAME SPREAD SCHEDULE

MATERIAL	FLAME SPREAD
F.R.P. PANELS	175
PLASTIC LAMINATE	190
CARPET	30
AWNING FABRIC	25
LT-1 CEILING TILE	25
LT-2 CEILING TILE	10
SHEET VINYL	0.45 WATTS/CM
V.C.T.	0.45 WATTS/CM
VINYL BASE	75 OR LESS
PAINT	85 OR LESE

NO SUBSTITUTION OF PRODUCTS, MATERIALS OR EQUIPMENT SPECIFIED HEREIN WILL BE ALLOWED UNLESS SUBMITTED WITH SUBSTANTIATING DATA PRIOR TO INSTALLATION, AND APPROVED IN WRITING BY C.E.C. ENTERTAINMENT, INC.

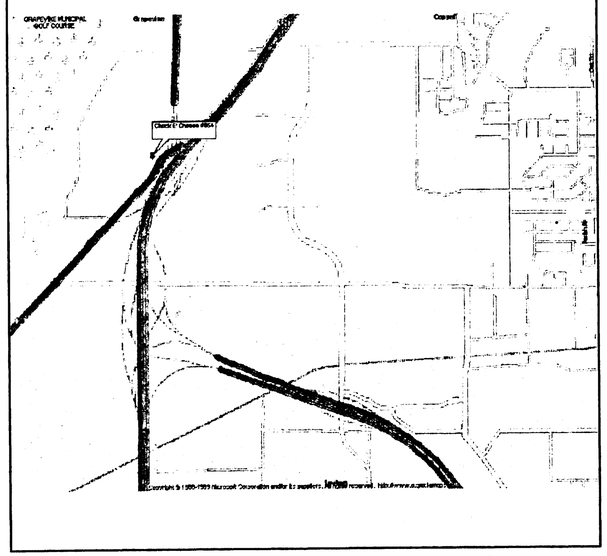
KNOX Box required. Application can be picked up at the Fire Marshal's office.

KNOX Box required. Application can be picked up at the Fire Marshal's office.

CHUCK E CHEESE'S

KNOX Box required. Application can be picked up at the Fire Marshal's office.

VICINITY MAP



SHEET INDEX

ALL CHANGES REQUIRE APPROVAL OF REVISED PLANS

APPROVED PLANS SHALL BE KEPT ON JOBSITE AT ALL TIMES

CS	COVER SHEET
	CIVIL INDEX SHEET
C1	SITE SPECIFICATIONS
C2	SITE PLAN
C3	GRADING PLAN
C4	UTILITY PLAN
C5	PAVING PLAN
C6	EROSION CONTROL PLAN
	CITY OF GRAPEVINE SANITARY SEWER DETAILS
	CITY OF GRAPEVINE SANITARY SEWER DETAILS
	CITY OF GRAPEVINE STORM SEWER DETAILS
	CITY OF GRAPEVINE WATER DETAILS
	CITY OF GRAPEVINE EMBEDMENT DETAILS
	CITY OF GRAPEVINE PAVING DETAILS
L1	LANDSCAPE PLAN
A0.1	SITE DETAILS
A1.0	FLOOR PLAN
A2.0	ENLARGED KITCHEN PLAN
A2.1	ENLARGED RESTROOMS AND DETAILS
A3.0	REFLECTED CEILING PLAN AND DETAILS
A4.0	EXTERIOR ELEVATIONS & DETAILS
A4.1	EXTERIOR ELEVATIONS
A5.0	INTERIOR ELEVATIONS
A5.1	INTERIOR ELEVATIONS
A5.2	INTERIOR ELEVATIONS
A6.0	DETAILS
A6.1	DETAILS
A6.2	DETAILS
A7.0	EXTERIOR WALL SECTIONS
A7.1	SECTIONS AND DETAILS
A8.0	SCHEDULES
A9.0	GAMES, DECOR AND SEATING PLAN
ST1	ENLARGED STUDIO 'C' ANIMATION PLAN
S1	FOUNDATION PLAN
S2	ROOF FRAMING PLAN
S3	SECTIONS
S4	SECTIONS
S5	GENERAL NOTES
S6	SUPER STRUCTURE ATTACHMENT PLAN
S7	DETAILS
P1	PLUMBING PLAN
P2	ENLARGED PLUMBING PLAN
P3	PLUMBING-SCHEDULES AND DETAILS
P4	PLUMBING DIAGRAMS
M1	MECHANICAL PLAN
M2	COMPLIANCE NOTES & DETAILS
M3	MECHANICAL ROOF PLAN & DETAILS
E0	PHOTOMETRIC PLAN
E1	LIGHTING PLAN AND SCHEDULE
E2	POWER PLAN
E3	ANIMATION PLATFORM-ELECTRICAL
E4	ELECTRICAL PANEL SCHEDULE
E5	ENLARGED KITCHEN POWER PLAN
E6	SPECIFICATIONS

SEPARATE PLUMBING, MECHANICAL, ELECTRICAL AND SIGN PERMITS SHALL BE REQUIRED.

GENERAL, MECHANICAL, ELECTRICAL, PLUMBING CONTRACTORS SHALL BE REGISTERED WITH THE CITY OF GRAPEVINE. REGISTRATION FEE IS $75.00

KNOX Box required. Application can be picked up at the Fire Marshal's office.

CONTRACTOR SHALL CALL FOR INSPECTIONS. 817/410-3010

CONTRACTOR REGISTRATION WILL BE REVOKED UPON PERMIT EXPIRATION.

CITY OF GRAPEVINE RELEASED FOR CONSTRUCTION

RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH BUILDING CODE OR ZONING ORDINANCE

THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES

DATE_____BY_____

BUILDING INSPECTION DIVISION

RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY

ALL CHANGES MUST BE APPROVED

THESE PLANS ARE THE SOLE PROPERTY OF C.E.C. ENTERTAINMENT, INC. ANY COPYING OR USE OF THESE DOCUMENTS FOR ANY PURPOSE OTHER THAN CONSTRUCTION OF THIS PROJECT WITHOUT EXPRESSED WRITTEN PERMISSION OF THE ARCHITECT AND CEC ENTERTAINMENT, INC. IS PROHIBITED.

ARCHITECTURE - PLANNING - DESIGN
C.T. CHANG & ASSOC. INC.
1010 W. EULESS BLVD., SUITE 110
EULESS, TX 76040 817 354-6010

CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

COVER SHEET

EXP. 7/31/02
REGISTERED ARCHITECT
C. T. CHANG
STATE OF TEXAS
11/20/01

Date
11/21/2001

Revisions

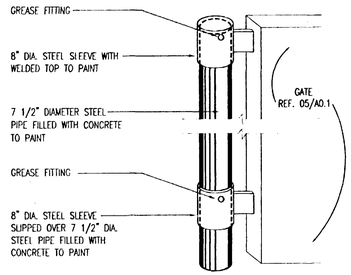
Project Number
SB-854

Sheet Number
CS

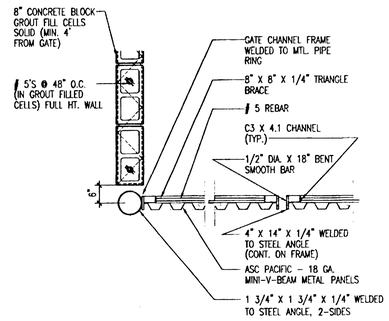
Sheet of 1 OF 1

11/26/01 CITY

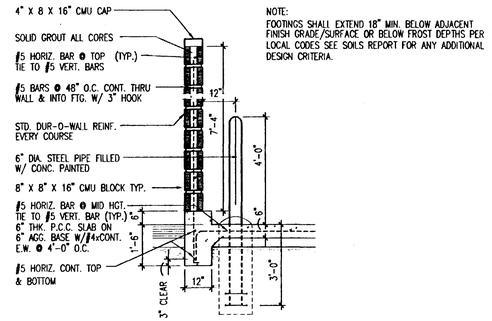
01-3259 2755 E Grapevine Mills Dr. "CHUCK E CHEESE'S PIZZA"



01 GATE HINGE DETAIL
SCALE: 1 1/2"=1'-0"



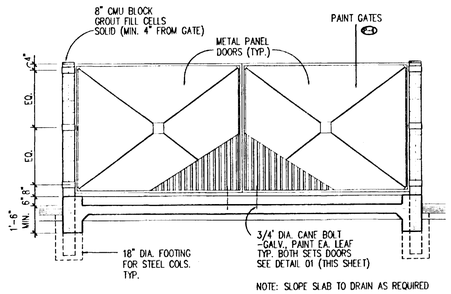
02 GATE HINGE PLAN
NOT TO SCALE



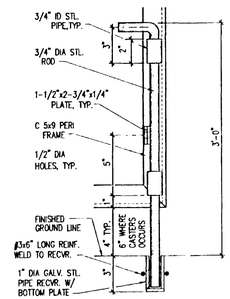
NOTE:
FOOTINGS SHALL EXTEND 18" MIN. BELOW ADJACENT FINISH GRADE/SURFACE OR BELOW FROST DEPTHS PER LOCAL CODES SEE SOILS REPORT FOR ANY ADDITIONAL DESIGN CRITERIA.

03 SCREEN WALL SECTION
NOT TO SCALE

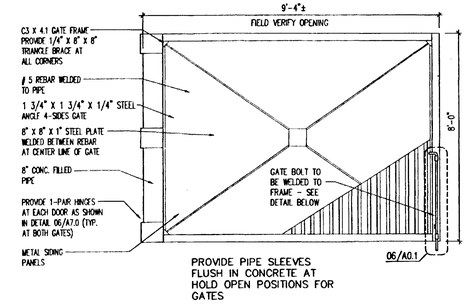
SEPARATE PERMIT REQ'D FOR DUMPSTER ENCLOSURE WALL OVER 6' HGT.



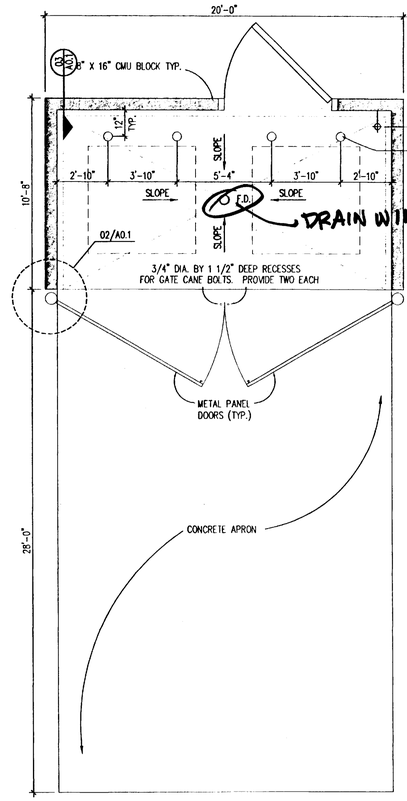
05 ELEVATION @ TRASH ENCLOSURE
SCALE: 1/4"=1'-0"



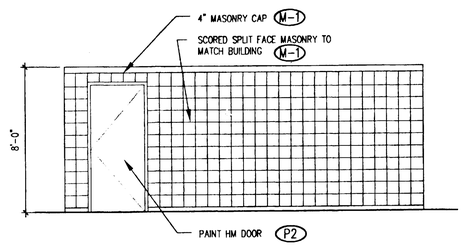
06 CANE BOLT DETAIL
N.T.S.



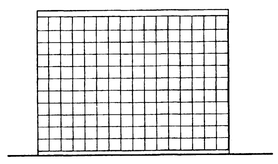
07 GATE DETAIL
NOT TO SCALE



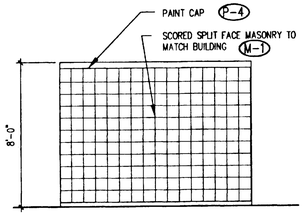
04 TRASH ENCLOSURE PLAN
SCALE: 1/4"=1'-0"



08 ELEVATIONS @ TRASH ENCLOSURE
SCALE: 1/4"=1'-0"



ALTERNATE:
MASONRY: SUBSTITUTE BRICK VENEER (BR-1) IN LUE OF SPLIT FACE CMU (M-1)



CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET_____OF_____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE_____BY_____
BUILDING INSPECTION DIVISION
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ARCHITECTURE - PLANNING - DESIGN
C.T. CHANG & ASSOC., INC.
1010 W. EULESS BLVD., SUITE 110
EULESS, TX. 76040 817 354-5010

GRAPEVINE, TX

CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

SITE DETAILS

Date
11/21/2001

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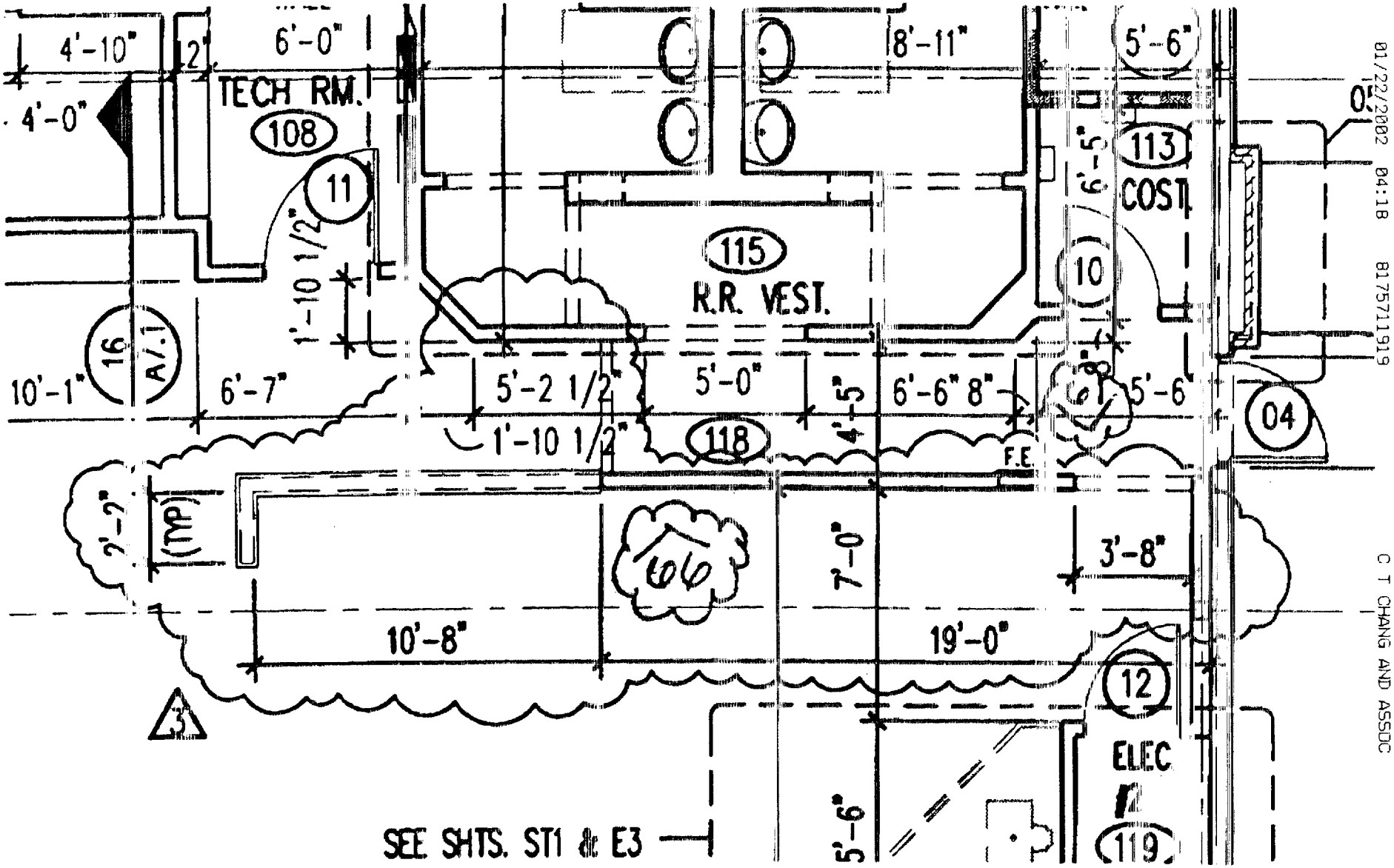
A0.1
of 17



CHUCK E. CHEESES 1-22-02

SHT. A1.0

01/22/2002 04:18 8175711919 C T CHANG AND ASSOC PAGE 07

GENERAL NOTES

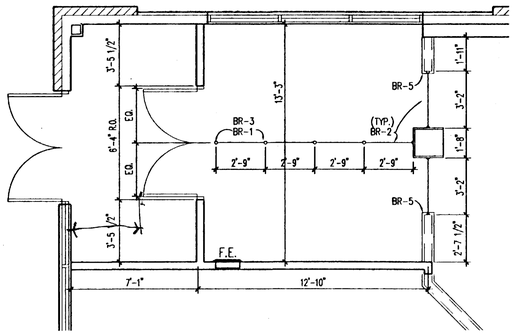
1. DRAWINGS AND SPECIFICATIONS INCLUDED IN THESE CONSTRUCTION DOCUMENTS ARE INTENDED TO SHOW DESIGN INTENT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE METHODS OF CONSTRUCTION, AND TO COORDINATE WITH WORK DONE BY OTHERS.
2. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY CONFLICT BETWEEN EXISTING CONDITIONS AND THE CONSTRUCTION DOCUMENTS.
3. MONUMENT AND PYLON SIGN FACES TO BE PROVIDED AND INSTALLED BY OTHERS ON SHARED SIGNS. (EXISTING BY LANDLORD)
4. LICENSED FIRE PROTECTION CONTRACTOR SHALL PROVIDE AND INSTALL AUTOMATIC FIRE SPRINKLER SYSTEM, ALARM SYSTEMS, STROBE LIGHTS AS REQUIRED BY CITY OF GRAPEVINE FIRE MARSHAL AND STATE OF TEXAS.
5. MODIFICATIONS TO PLANS AND SPECIFICATIONS WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL OF ARCHITECT OR ENGINEER.

A1 PLAN NOTES

1. EXTERIOR DIMENSIONS SHOWN TO EDGE OF SLAB, ALL OTHER DIMENSIONS TO FACE OF STUD.
2. INTERIOR "HOLD" OR "CLEAR" DIMENSIONS ARE FINISH DIMENSIONS.
4. COORDINATE PLACEMENT OF SKYCRAWL AND BASE EQUIPMENT WITH SHOP DRAWINGS PROVIDED BY OTHERS.
5. FIRE EXTINGUISHER CABINETS ARE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR IN COMPLIANCE WITH CITY AND APPLICABLE CODES.
6. SECURITY SYSTEMS ARE TO PROVIDED AND INSTALLED BY OTHERS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH OWNER'S SECURITY SYSTEMS CONTRACTOR.
7. REFERENCE SHEET E2 FOR FLOOR OUTLET DIMENSIONS

WALL KEY

- NEW CEILING HEIGHT PARTITIONS
- FULL HEIGHT PARTITIONS TO UNDERSIDE OF ROOF DECK WITH BATT INSULATION
- NEW HALF-WALLS HEIGHT PER PLANS & INTERIOR ELEVATIONS
- NEW HEADER
- FIRE EXTINGUISHER (F.E.)

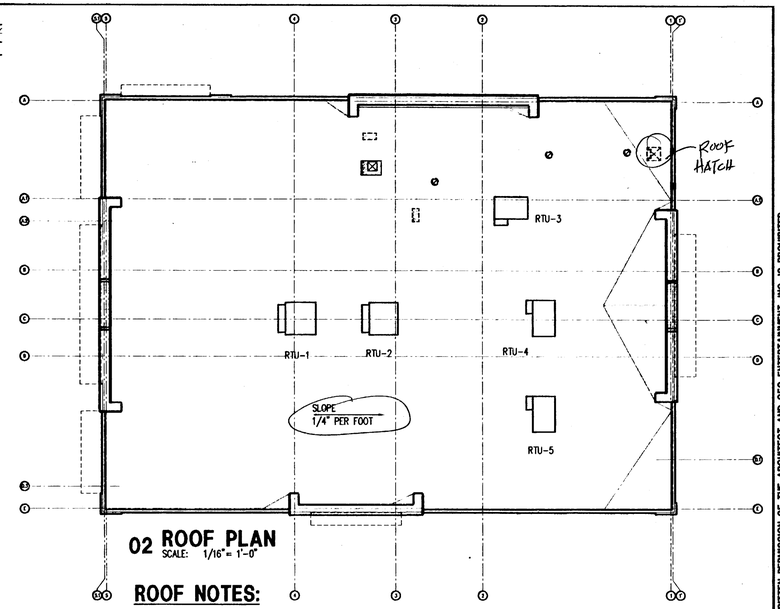


KID CHECK NOTES:

1. CONTRACTOR TO PROVIDE HARDWARE AND ROPE FOR KID CHECK AREA AS SHOWN.
2. CORE DRILL 2-1/4" DIAMETER HOLES 4-3/4" DEEP FOR POST SOCKETS.
3. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL ROPE SIZES AND DIMENSIONS BEFORE ORDERING OR DRILLING.

06 ENLARGED ENTRY PLAN

SCALE: 1/4" = 1'-0"

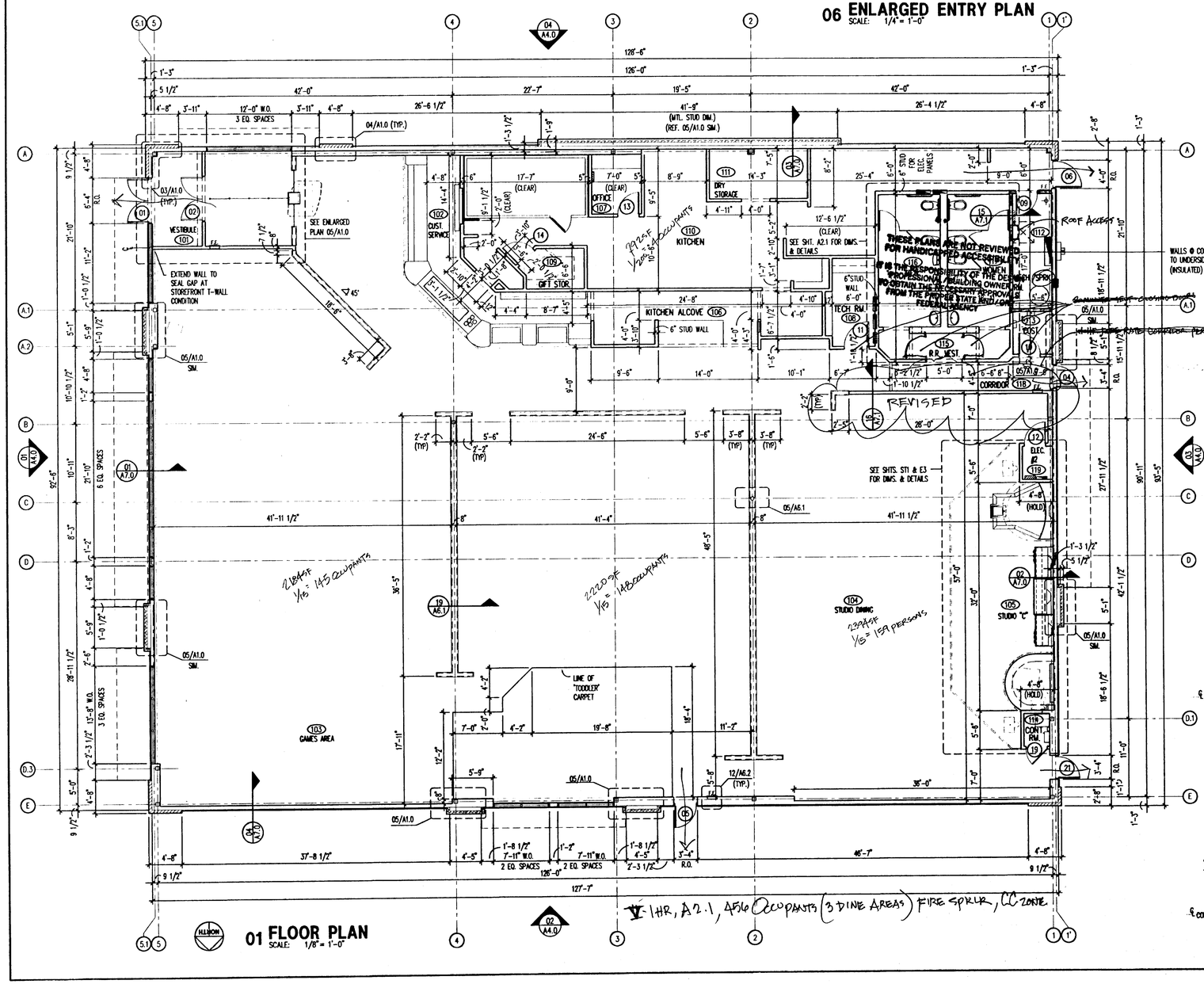


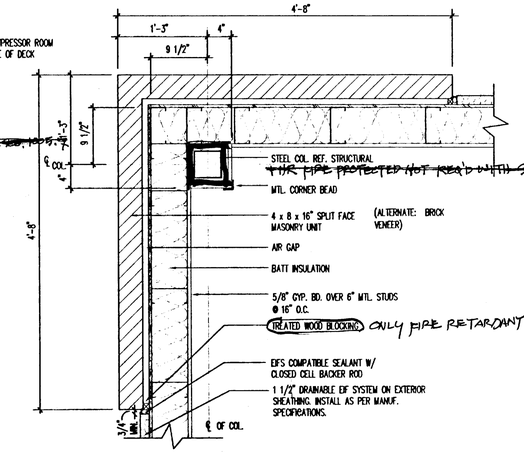
02 ROOF PLAN

SCALE: 1/16" = 1'-0"

ROOF NOTES:

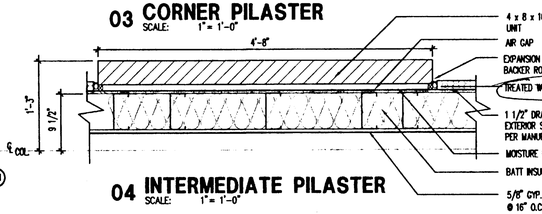
1. EQUIPMENT SHOWN FOR REFERENCE ONLY. REFER TO MECHANICAL PLAN FOR UNIT SPECIFICATIONS & NOTES.
2. G.C. TO PROVIDE AND INSTALL 5" CANT STRIP AT ALL PARAPETS AND MECHANICAL EQUIPMENT.
3. G.C. TO PROVIDE AND INSTALL ROOFING AS SPECIFIED ON SHT. SP1, ON 3 1/2" RIGID INSULATION OVER METAL DECK.
4. PROVIDE AND INSTALL ROOF SCUPPER DETAIL 01/A7.1 FINISH PER A4.0
5. ROOF EQUIPMENT PAD, SEE DETAIL 14/A7.1
6. MECHANICAL CURB DETAIL REF 05/M2
7. REFER TO MECHANICAL FOR HVAC UNITS





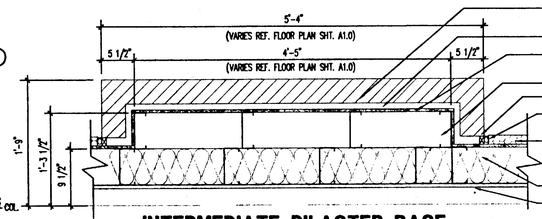
03 CORNER PILASTER

SCALE: 1" = 1'-0"



04 INTERMEDIATE PILASTER

SCALE: 1" = 1'-0"



05 INTERMEDIATE PILASTER BASE

SCALE: 1" = 1'-0"

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
THIS RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE _____ BY _____
BUILDING INSPECTION DIVISION OF 17
RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY.
ALL CHANGES MUST BE APPROVED.

1HR, A2.1, 456 Occupants (3 DINE AREAS) FIRE SPRLR, CC ZONE

THESE PLANS ARE NOT REVIEWED FOR HANDICAPPED ACCESSIBILITY. IT IS THE RESPONSIBILITY OF THE DESIGN PROFESSIONAL / BUILDING OWNER TO OBTAIN THE NECESSARY APPROVAL FROM THE PROPER STATE AND / OR FEDERAL AGENCY

THE REPRODUCTION OF THESE DRAWINGS AND SPECIFICATIONS FOR ANY PURPOSE OTHER THAN CONSTRUCTION OF THIS PROJECT WITHOUT EXPRESSED WRITTEN PERMISSION OF THE ARCHITECT AND C&C ENTERTAINMENT, INC. IS PROHIBITED.

ARCHITECTURE - PLANNING - DESIGN
C.T. CHANG & ASSOC. INC.
1010 W. EULESS BLVD. SUITE 110
EULESS, TX 76040
817 354-8010

8/17/01-1/17

CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

FLOOR PLAN

REGISTERED ARCHITECT STATE OF TEXAS C.T. CHANG

Date
11/21/2001

Revisions

Project Number
#854

Sheet Number
A1.0

KITCHEN EQUIPMENT SCHEDULE

ITEM	DESCRIPTION	QUANTITY	MANUFACTURER MODEL	COMMENTS	FURNISH	INSTALL	HOOK UP	START	BLK'G
K1	SS INSULATED SALAD PAN	1	CUSTOM (7' LENGTH) W/ INSERTS	SUPPLY PUC & CONNECTS TO DRAIN	O/M	G	G/P	N/A	
K5	REACH-IN SALAD REFRIGERATOR	1	HOBART #NQA1		O/K	G	G	G	
K6	COFFEE MAKER	1	WILBUR CURTIS G29GAP	WITH 2 AIRPOTS #CLP-1	O/K	G	G	N/A	
K7	PROOFING RACK	1	METRO SUPER ERECTA	WITH CASTERS	O/K	G	N/A	N/A	
K9	SS WALL PANELING & BUMPER	1	CUSTOM	SS TRIM INSTALLED UP TO BOTTOM OF HOOD & MAKE TABLE	O/K	G	N/A	N/A	
K10	REFRIGERATED PIZZA MAKE TABLE	1	CUSTOM	2-SIDED WITH TICKET RAILS ON EACH SIDE	O/K	G	G	G	
K13	DOUBLE STACK PIZZA OVEN	1	MIDDLEBY MARSHALL PS200	GAS/ELECTRIC CONNECTIONS	O/K	V	V/E/P	V	
K14	EXHAUST HOOD SYSTEM	1	CAPTIVE AIRE MODEL #PSOR	WITH MAKE UP AIR & FAN, INCLUDES CURB, DUCTWORK BY G.C.	O/K	G	G	N/A	
K16	STAINLESS STEEL CUT TABLE	1	CUSTOM FABRICATED 36 X 72	WITH PASS-THRU, CASTERS, AND TICKET RAIL OUTLET @ 72" AFF	O/K	G	N/A	N/A	
K15	STAINLESS CORNER GUARDS	1 SET	CUSTOM	INSTALL AT ALL NON-PUBLIC KITCHEN CORNERS & INSIDE OF HEADERS @ KITCHEN & RESTROOMS ONLY	O/K	G	N/A	N/A	
K20	REFRIGERATED SANDWICH TABLE	1	DELFIELD #4049-8	WORK TABLE WITH CASTERS, 48 X 28	O/K	G	G	G	
K21	DUNNAGE RACK	1	AMCO #PA2436-8	AT OVEN	O/K	G	N/A	N/A	
K27	DUNNAGE RACK	1	AMCO #PA2448-2	IN COOLER UNDER KEGS	O/K	G	N/A	N/A	
K33	DISHWASHER	1	HOBART F660	VERIFY CLOCKWISE ROTATION & DISCONNECT @ 42" AFF	O/K	G	G/E	N/A	
K34	STAINLESS STEEL BUSSING TABLE	1	CUSTOM FABRICATED 30"X 60"	INCLUDES CASTERS	O/K	G	N/A	N/A	
K35	STAINLESS STEEL DOUGH ROLL OUT TABLE	1	30" X 96"	INCLUDES CASTERS	O/K	G	N/A	N/A	
K39	DOUGH TROUGH	1	SOMERSET #CDR-2000	OUTLET AT 60" AFF	O/K	G	G	N/A	
K51	STAINLESS STEEL WORK TABLE (PREP SINK) TABLE	1	CUSTOM FABRICATED (72" LENGTH)	WITH SPRAY HEAD FAUCET ASSEMBLY, & STAND OFF	O/K	G	G/P	G/P	
K54	REACH IN FREEZER	1	HOBART #CAF2	CASTERS AND 6 SHELVES	O/K	G	G	G	
K58	WALK IN COOLER	1	KOLPAK 8'-8 1/2" X 17'-4" X 9'-4" HIGH	CONTRACTOR INSTALLS CURB WITH METAL CAP & ELECT. CONNECT.	O/K	O	O/K	K/E	
K60	FROZEN MERCHANDISER	1	FASTGRIP #FS31	72" H X 35.5" W X 34.5" D	O	G	G	N/A	
K37	CHEST FREEZER	1	ARTIC AIR #CF18	36.9" H X 55.75" W X 27.5" D	O	G	G	N/A	
K38	CONVEYOR SHELVING	5	METROSEAL III	WITH CASTERS, (5) SHELVES (DUNNAGE ON BOTTOM)	O/K	G	N/A	N/A	
K43	BUSTRACK, 12 SHELVES	4	NORMANDIE #MYAE	INCLUDES CASTERS	O/K	G	N/A	N/A	
K44	BUSTRACK, 20 SHELVES	1	NORMANDIE #MSAE	INCLUDES CASTERS	O/K	G	N/A	N/A	
K45	ICE MACHINE	1	MANITOWOC JUY-1894N	BIN TO BE FOLLETT #D1870B35	O/K	G/K	K/E/P	K	X
K49	10' SOILED DISH TABLE W/ 3 COMPARTMENT SINK	1	CUSTOM FABRICATED	INCLUDES SCRAP SINK, FAUCETS, SPRAYER, & STANDOFF	O/K	G/P	P	N/A	
K50	DISHWASHER (SANITIZER)	1	HOBART #LT-1	CONTRACTOR TO CONNECT ELECTRICAL & DRAIN	O/K	G/P	P/E	V	
K52	10' MACHINE SOILED TABLE W/ SCRAPPING TROUGH	1	MANITOWOC TRUL-25N	LOCATE TIGHT TO OPENINGS ABOVE CCO	O/K	G/P	P	N/A	X
K53	STAINLESS STEEL OVERHANG SOILED TABLE	1	CUSTOM FABRICATED	REFER TO PLAN FOR LENGTH 2'-6" OR 4'	O/K	G/P	P	N/A	
K54	4'-0" DRY STORAGE SHELVING	10	METRO SUPER ERECTA	REFER TO INSTALLATION INSTRUCTION (INCLUDES CASTERS)	O/K	G	N/A	N/A	

ITEM	DESCRIPTION	QUANTITY	MANUFACTURER MODEL	COMMENTS	FURNISH	INSTALL	HOOK UP	START	BLK'G
K56	4'-0" STAINLESS STEEL SHELF	1	CUSTOM FABRICATED	MOUNT @ 5'-6" AFF. PROVIDE BLOCKING. SEE ELEVATION	O/K	G	N/A	G	X
K59	5'-0" STAINLESS STEEL WALL SHELF	1	CUSTOM FABRICATED	MOUNT @ 5'-2", PROVIDE BLOCKING	O/K	G	N/A	G	X
K62	MOP SINK	1	FIAT #TSB-900	REFER TO PLUMBING SCHEDULE	P	P	P	N/A	
K63	HAND SINK W/ FAUCET	2	ADVANCE #7PS-70 W K-316 FAUCET	WITH WRIST BLADES, SOAP, AND TOWEL DISPENSERS	O/K	G/P	P	N/A	
K64	COTTON CANDY MACHINE	1	GOLD METAL #3005-SS	INCLUDE CABINET & CASTER	O/K	G		N/A	
K67	JANITOR CABINET	1	CUSTOM ALUMINUM NSF	MOUNT ON WALL NEXT TO MOP SINK 5'-6" AFF. HOLD ECOLAB TIGHT BELOW	O/K	G	N/A	N/A	X
K70	BIRTHDAY STORAGE RACK	1	4' X 18" METRO SUPER ERECTA		O/K	G			
K80	ROLLING CAKE CUT TABLE	1	METRO BC2636-34		O/K	G	G	N/A	
K82	2'-0" STAINLESS STEEL SHELF	1	CUSTOM FABRICATED 24" X 24"	FOR COFFEE - MOUNT @ 32" AFF - PROVIDE OUTLET @ 28" AFF. FLOOR SINK BELOW FOR COFFEE/BEER PAN	O/K	G	G	N/A	

MILLWORK SCHEDULE

MILLWORK

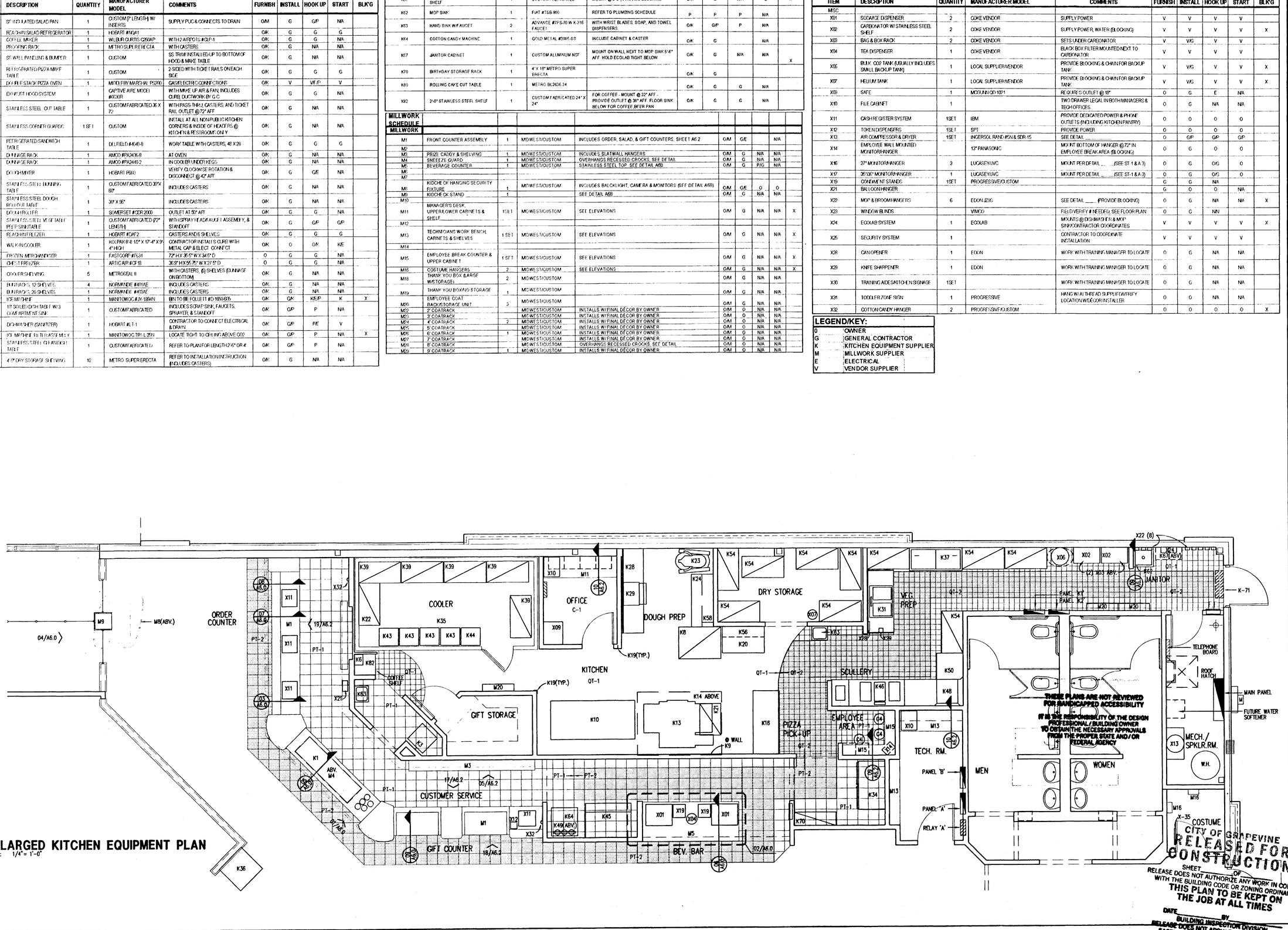
M1	FRONT COUNTER ASSEMBLY	1	MIDWEST/CUSTOM	INCLUDES ORDER, SALAD, & GIFT COUNTERS, SHEET A6.2	O/M	G/E		N/A	
M2									
M3	PRIZE CADDY & SHELVING	1	MIDWEST/CUSTOM	INCLUDES 3 LATWALL HANGERS	O/M	G	N/A	N/A	
M4	SNEEZE GUARD	1	MIDWEST/CUSTOM	OVERHANGS RECESSED CROCKS, SEE DETAIL	O/M	G	N/A	N/A	
M5	BEVERAGE COUNTER	1	MIDWEST/CUSTOM	STAINLESS STEEL TOP. SEE DETAIL A6B	O/M	G	P/G	N/A	
M6									
M7									
M8	KIDDIE CK HANGING SECURITY FIXTURE	1	MIDWEST/CUSTOM	INCLUDES BALCK LIGHT, CAMERA & MONITORS (SEE DETAIL A6B)	O/M	G/E	O	O	
M9	KIDDIE CK STAND	1		SEE DETAIL A6B	O/M	G	N/A	N/A	
M10									
M11	MANAGER'S DESK, UPPER/LOWER CABINETS & SHELF	1 SET	MIDWEST/CUSTOM	SEE ELEVATIONS	O/M	G	N/A	N/A	X
M12									
M13	TECHNICIANS WORK BENCH, CABINETS & SHELVES	1 SET	MIDWEST/CUSTOM	SEE ELEVATIONS	O/M	G	N/A	N/A	X
M14									
M15	EMPLOYEE BREAK COUNTER & UPPER CABINET	1 SET	MIDWEST/CUSTOM	SEE ELEVATIONS	O/M	G	N/A	N/A	X
M16	COSTUME HANGERS	2	MIDWEST/CUSTOM	SEE ELEVATIONS	O/M	G	N/A	N/A	X
M18	THANK YOU BOX (LARGE W/STORAGE)	2	MIDWEST/CUSTOM		O/M	G	N/A	N/A	
M19	THANK YOU BOX/NG STORAGE	1	MIDWEST/CUSTOM		O/M	G	N/A	N/A	
M20	EMPLOYEE COAT RACK/STORAGE UNIT	3	MIDWEST/CUSTOM		O/M	G	N/A	N/A	
M22	2' COATRACK		MIDWEST/CUSTOM	INSTALLS W/FINAL DECOR BY OWNER	O/M	O	N/A	N/A	
M23	3' COATRACK		MIDWEST/CUSTOM	INSTALLS W/FINAL DECOR BY OWNER	O/M	O	N/A	N/A	
M24	4' COATRACK	2	MIDWEST/CUSTOM	INSTALLS W/FINAL DECOR BY OWNER	O/M	O	N/A	N/A	
M25	5' COATRACK		MIDWEST/CUSTOM	INSTALLS W/FINAL DECOR BY OWNER	O/M	O	N/A	N/A	
M26	6' COATRACK	1	MIDWEST/CUSTOM	INSTALLS W/FINAL DECOR BY OWNER	O/M	O	N/A	N/A	
M27	7' COATRACK		MIDWEST/CUSTOM	INSTALLS W/FINAL DECOR BY OWNER	O/M	O	N/A	N/A	
M28	8' COATRACK		MIDWEST/CUSTOM	OVERHANGS RECESSED CROCKS, SEE DETAIL	O/M	O	N/A	N/A	
M29	9' COATRACK	1	MIDWEST/CUSTOM	INSTALLS W/FINAL DECOR BY OWNER	O/M	O	N/A	N/A	

FIXTURE AND EQUIPMENT SCHEDULE

ITEM	DESCRIPTION	QUANTITY	MANUFACTURER MODEL	COMMENTS	FURNISH	INSTALL	HOOK UP	START	BLK'G
MISC									
X01	SODA/ICE DISPENSER	2	COKE VENDOR	SUPPLY POWER	V	V	V	V	
X02	CARBONATOR W/ STAINLESS STEEL SHELF	2	COKE VENDOR	SUPPLY POWER, WATER (BLOCKING)	V	V	V	V	X
X03	BAG & BOX RACK	2	COKE VENDOR	SETS UNDER CARBONATOR	V	V/G	V	V	
X04	TEA DISPENSER	1	COKE VENDOR	BLACK BOX FILTER MOUNTED NEXT TO CARBONATOR	V	V	V	V	
X05	BULK CO2 TANK (USUALLY INCLUDES SMALL BACKUP TANK)	1	LOCAL SUPPLIER/VENDOR	PROVIDE BLOCKING & CHAIN FOR BACKUP TANK	V	V/G	V	V	X
X07	HELIUM TANK	1	LOCAL SUPPLIER/VENDOR	PROVIDE BLOCKING & CHAIN FOR BACKUP TANK	V	V/G	V	V	X
X09	SAFE	1	MORNINGO 1021	REQUIRES OUTLET @ 18"	O	G	E	N/A	
X10	FILE CABINET	1		TWO DRAWER LEGAL IN BOTH MANAGERS & TECH OFFICES	O	G	N/A	N/A	
X11	CASH REGISTER SYSTEM	1SET	IBM	PROVIDE DEDICATED POWER & PHONE OUTLETS (INCLUDING KITCHEN PANTRY)	O	O	O	O	
X12	TOKEN DISPENSERS	1SET	SPT	PROVIDE POWER	O	O	O	O	
X13	AIR COMPRESSOR & DRYER	1SET	INGERSOL RAND #5IN & SDR-15	SEE DETAIL ____	O	G/P	G/P	G/P	
X14	EMPLOYEE WALL MOUNTED MONITOR/HANGER		13" PANASONIC	MOUNT BOTTOM OF HANGER @ 72" IN EMPLOYEE BREAK AREA (BLOCKING)	O	G	O	O	
X16	27" MONITOR/HANGER	3	LUCASEY/JVC	MOUNT PER DETAIL ____ (SEE ST-1 & A-3)	O	G	O/G	O	
X17	36"/46" MONITOR/HANGER	1	LUCASEY/JVC	MOUNT PER DETAIL ____ (SEE ST-1 & A-3)	O	G	O/G	O	
X19	CONDIMENT STANDS	1SET	PROGRESSIVE/CUSTOM		G	G	N/A		
X21	BALLOON HANGER				G	O	O	N/A	
X22	MOP & BROOM HANGERS	6	EDON JZ6G	SEE DETAIL ____ (PROVIDE BLOCKING)	O	G	N/A	N/A	X
X23	WINDOW BLINDS		VIMCO	FIELD VERIFY IF NEEDED, SEE FLOOR PLAN	O	G	N/A		
X24	ECOLAB SYSTEM	1	ECOLAB	MOUNTS @ DISHMASTER & MOP SINK/CONTRACTOR COORDINATES	V	V	V	V	X
X25	SECURITY SYSTEM	1		CONTRACTOR TO COORDINATE INSTALLATION	V	V	V	V	
X26	CAN OPENER	1	EDON	WORK WITH TRAINING MANAGER TO LOCATE	O	G	N/A	N/A	
X29	KNIFE SHARPENER	1	EDON	WORK WITH TRAINING MANAGER TO LOCATE	O	G	N/A	N/A	
X30	TRAINING AIDES/KITCHEN SIGNAGE	1SET		WORK WITH TRAINING MANAGER TO LOCATE	O	G	N/A	N/A	
X31	TODDLER ZONE SIGN	1	PROGRESSIVE	HANG W/ ALTHREAD SUPPLIED/VERIFY LOCATION W/DECOR INSTALLER	O	O	N/A	N/A	
X32	COTTON CANDY HANGER	2	PROGRESSIVE/CUSTOM		O	O	O	O	X

LEGEND/KEY:

O	OWNER
G	GENERAL CONTRACTOR
K	KITCHEN EQUIPMENT SUPPLIER
M	MILLWORK SUPPLIER
E	ELECTRICAL
V	VENDOR SUPPLIER



01 ENLARGED KITCHEN EQUIPMENT PLAN
SCALE: 1/4" = 1'-0"

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET ____ OF ____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE ____ BY ____
BUILDING INSPECTION DIVISION
RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY
ALL CHANGES MUST BE ...

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GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX
#854

ENLARGED KITCHEN EQUIPMENT PLAN

REGISTERED ARCHITECT C. T. CHANG STATE OF TEXAS #12726

Date
11/21/2001

Revisions

Project Number
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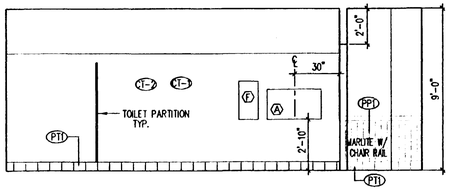

01 WOMEN
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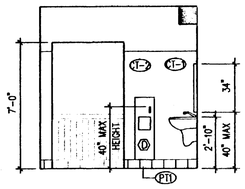

02 WOMEN
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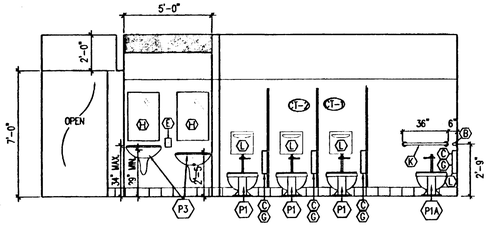

03 WOMEN
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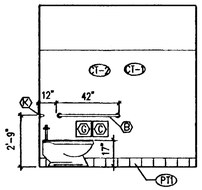
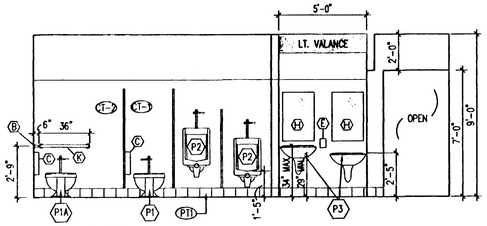


04 WOMEN
SCALE: 1/4" = 1'-0"

THESE PLANS ARE NOT REVIEWED FOR HANDICAPPED ACCESSIBILITY

IT IS THE RESPONSIBILITY OF THE DESIGN PROFESSIONAL / BUILDING OWNER TO OBTAIN THE NECESSARY APPROVALS FROM THE PROPER STATE AND / OR FEDERAL AGENCY



05 MEN
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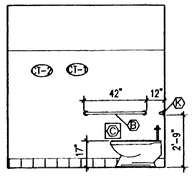

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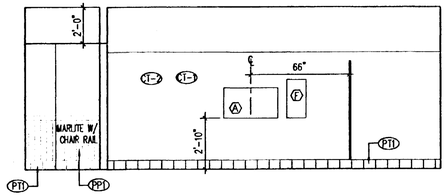

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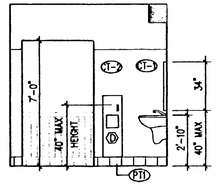
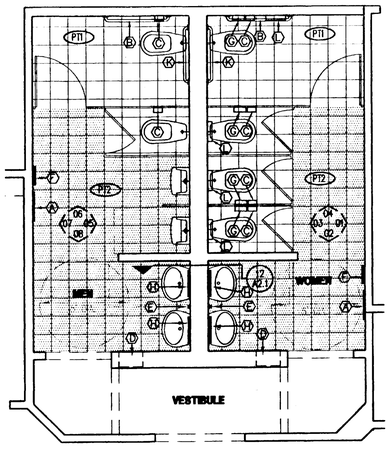


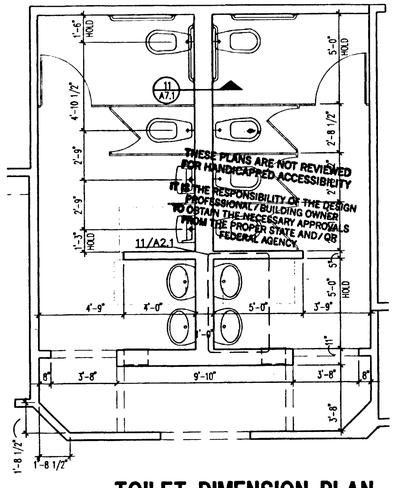
08 MEN
SCALE: 1/4" = 1'-0"

RESTROOM ACCESSORIES (00)

MARK	MANUFACTURER	DESCRIPTION	FURNISHED BY	INSTALLED BY	BLOCKING REQUIRED	REMARKS
A	JBY INDUSTRIES KOALA BEAR KARE	WALL MOUNTED BABY CHANGE TABLE MODEL #_____ (SIDE MOUNT)	G.C.	G.C.	X	
B	BRADLEY 8120-001420	42" HANDICAP GRAB BARS	G.C.	G.C.	X	
C	JAMES RIVER	TISSUE DISPENSER SINGLE STALL	OWNER	G.C.		
D	BRADLEY #2277	WASTE RECEPTACLE/ROLL TOWEL DISPENSER	G.C.	G.C.		
E	ECOLAB	SOAP DISPENSER	OWNER	G.C.		MOUNTED BETWEEN MIRRORS
F	BRADLEY #344	WASTE RECEPTACLE FOR BABY CHANCE	G.C.	G.C.	X	
G	BRADLEY #4781-15	NAPKIN DISPOSAL BOXES	G.C.	G.C.		CONTRACTOR SHALL INSTALL ONE NAPKIN DISPOSAL BOX IN EACH STALL OF THE WOMEN'S RESTROOM
H	BRADLEY #740-1834	(18" X34") STAINLESS STEEL	G.C.	G.C.	X	
K	BRADLEY 8120-00136	36" HANDICAP GRAB BARS	G.C.	G.C.	X	
L	TO BE DETERMINED	SEAT COVER	G.C.	G.C.		CONTRACTOR SHALL INSTALL ONE SEAT COVER DISPENSER IN EACH STALL OF THE WOMEN'S RESTROOM



09 TOILET FIXTURE PLAN
SCALE: 1/4" = 1'-0"



10 TOILET DIMENSION PLAN
SCALE: 1/4" = 1'-0"

ACCESSIBILITY NOTES:

A CLEAR FLOOR SPACE 30" WIDE BY 48" LONG SHALL BE PROVIDED IN FRONT OF THE LAVATORY TO ALLOW A FORWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND INTO KNEE AND TOE SPACE UNDERNEATH THE LAVATORY.

HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE NOT MORE THAN 40" FROM THE FLOOR.

LOCATE TOILET TISSUE DISPENSERS ON THE WALL WITHIN 12" OF THE FRONT EDGE OF THE TOILET SEAT.

GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE DESIGNED FOR 250 LB/LINEAR FT. LOAD.

G.C. TO MEET ADA, ANSI 117.A AND OTHER LOCAL CODES.

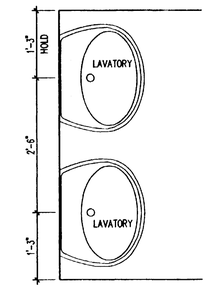
FLUSH CONTROLS TO BE MOUNTED ON WIDE SIDE OF TOILET.

TOILET PARTITIONS

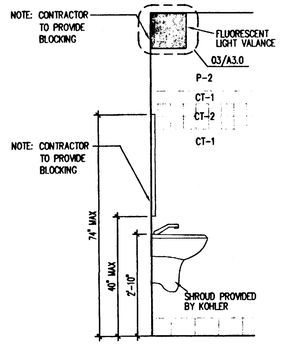
HIGH PRESSURE LAMINATED PLASTIC ON 45# MEDIUM DENSITY PARTICLE BOARD, WITH 7/8" DOORS & PANELS, 1 1/4" THK PILASTERS, FLOOR MOUNTED & OVERHEAD BRACED, WITH STAINLESS STEEL BASES, BRACKETS, & CHROME PLATED ZAMAC HARDWARE, AS PROVIDED BY AMPCO PRODUCTS, INC. OF HIALEA, FLA (OR APPROVED EQUAL). COLOR: WILSONART HOLLYBERRY RED D307-76 MATTE FINISH.

TOILET FIXTURES

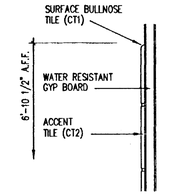
SEE SHEET 'P3' FOR PLUMBING FIXTURE SCHEDULE.



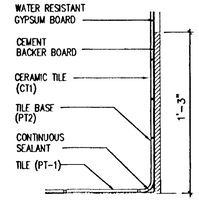
11 LAVATORY PLAN
SCALE: 3/4" = 1'-0"



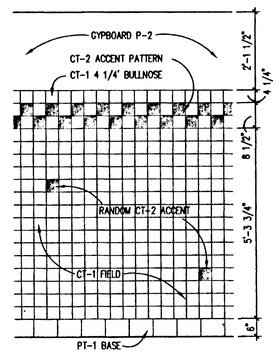
12 LAVATORY SECTION
SCALE: 3/4" = 1'-0"



'A' BULLNOSE



'B' BASE



13 TILE DETAILS
SCALE: 1 1/2" = 1'-0"

14 TILE WAINSCOT
SCALE: 1 1/2" = 1'-0"

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EULESS, TX 76040 817 354-6010

GRAPEVINE, TX

CHUCK E. CHEESE'S PIZZA.
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062
#854

ENLARGED RESTROOMS AND DETAILS

Date
11/21/2001

Revisions

Project Number
SB-854

Sheet Number
A2.1
of 17

GENERAL NOTES

1) NO FIXTURES, GRILLES, SPEAKERS, SPRINKLER HEADS, ETC. SHALL TOUCH THE CEILING 'TS' OR SHADOW LINE; CENTER IN PANEL.
2) SPEAKERS AND WIRE PROVIDED BY OWNER INSTALLED BY G.C.
3) ALL SPEAKER WIRE SHALL HOME RUN TO PLATFORM FROM 3 ZONES.
4) PAINT ALL GRILLES AND SPEAKERS TO MATCH CEILING GRID.

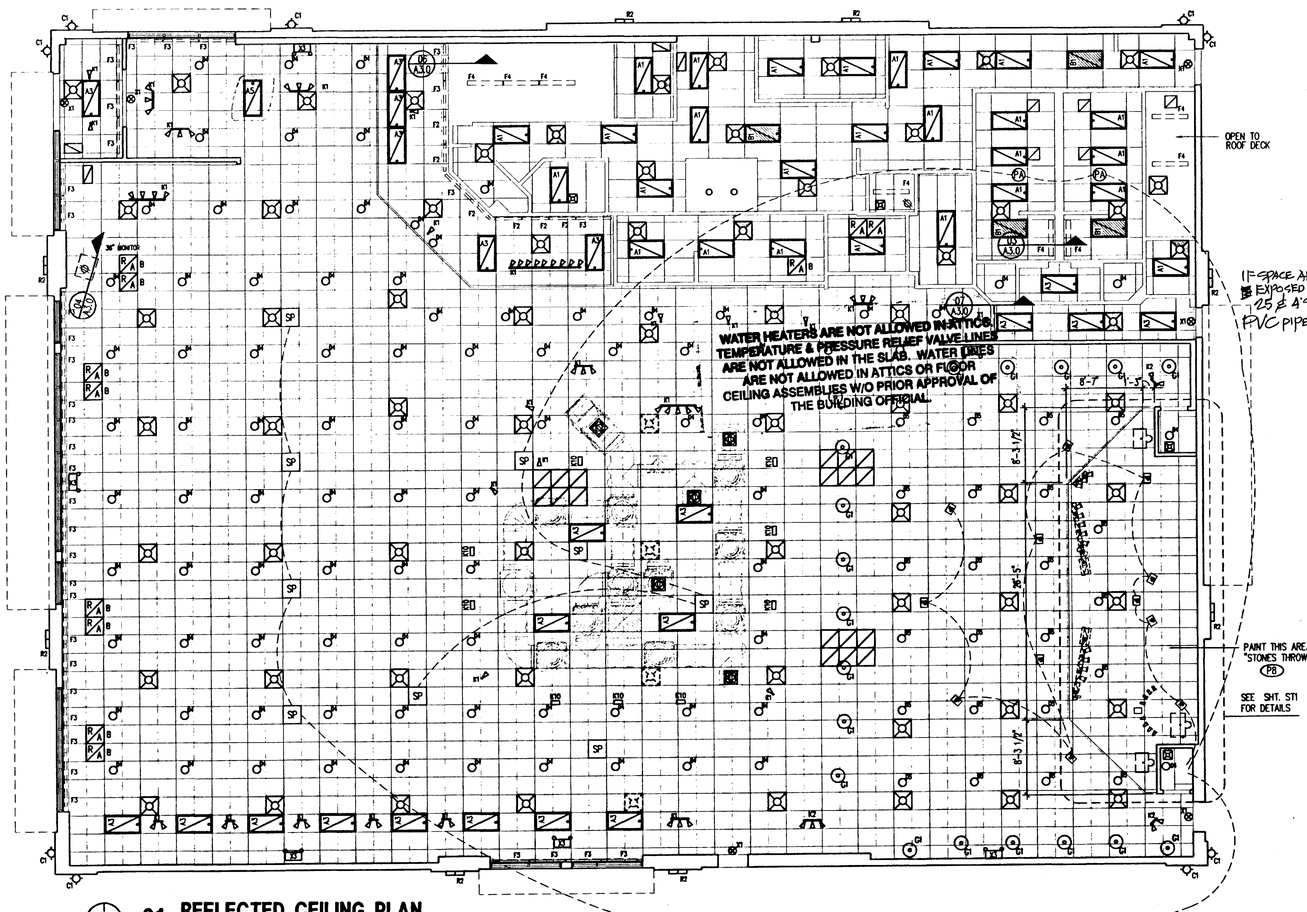
FIXTURE SCHEDULE

A	Recessed Fluorescent Lay-in
B	Recessed Fluorescent Emergency
C	Outdoor Wall Sconce
D	Recessed Downlight
E	Wallpack
F	Fluorescent Strip Light
G	Booth Light
H	Building Uplight
J	Building Mounted Flood Light
K	Track Light
L	20' Pole Light
M	25' Pole Light
N	30' Pole Light
P	Indoor Wall Sconce
R	Existing Fixture to be relocated
X	Emergency Light

Refer to Fixture schedule on Sheet E1.0 for exact fixture specification. All fixtures are as provided by Dealers Electrical Supply 3831 Conflans Road, Irving, TX 75061

CEILING LEGEND

- PA — CLG MOUNT BOSE SPEAKER BY OWNER
- PA — HANGING BOX SPEAKER BY OWNER
- PA — 8" ROUND SPEAKER BY OWNER
- SUPPLY AIR GRILLE
- R/A — RETURN AIR GRILLE
- EMERGENCY LIGHTING UNIT
- EXIT UNIT
- RECESSED DOWN LIGHT
- HANGING LIGHT AT BOOTHS
- 36" FLOURESCENT STRIP (2 BULBS)
- 48" FLOURESCENT STRIP (1 BULB)
- 24" FLOURESCENT STRIP (1 BULB)
- SPOT LIGHT W/MONOPOINT MOUNT
- WALL WASHER W/MONOPOINT MOUNT
- SPOT TRACK LIGHT
- LIGHT TRACK (LENGTH AS SHOWN)
- ARTUP WALLSCONCE
- A1 — 2x4 LAY-IN FLOURESCENT FIXTURE W/ ACRYLIC LENSE
- B1 — FIXTURE W/ BATTERY BACK-UP AND ACRYLIC LENSE
- A3 — 2x4 LAY-IN FLUORESCENT FIXTURE W/ SILVER LENSE
- A5 — 2x4 LAY-IN FLUORESCENT FIXTURE W/ BLACK LIGHT LAMPS REF A6/1.5
- R1 — RELOCATED 2x4 LAY-IN FLUORESCENT FIXTURE W/ ACRYLIC LENSE
- R3 — RELOCATED 2x4 LAY-IN FLUORESCENT FIXTURE W/ SILVER LENSE
- WALL PACK
- OUTDOOR SCONCE
- CEILING OUTLET



01 REFLECTED CEILING PLAN
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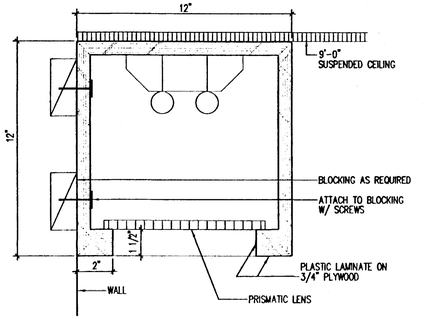
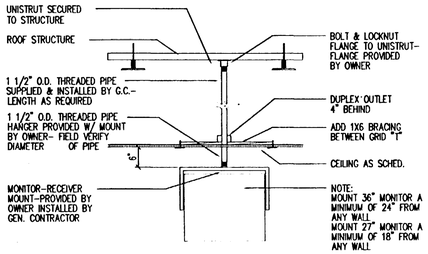


03 LIGHT VALANCE
SCALE: 3" = 1'-0"

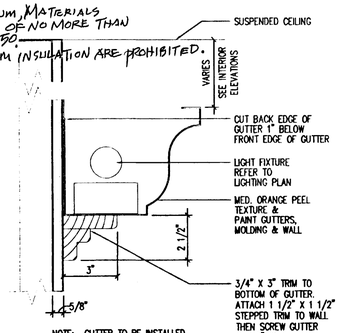
NOTE: FURNISHED IN OWNER'S MILLWORK PACKAGE, INSTALLED BY GENERAL CONTRACTOR.



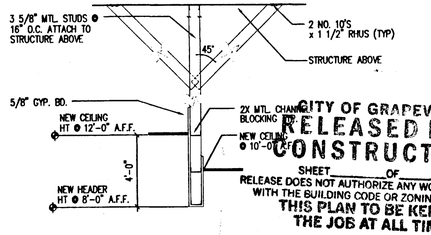
04 MONITOR MOUNT DETAIL
NOT TO SCALE

05 KIDDIE/STUDIO 'C' HEADER
SCALE: 1/2" = 1'-0"

1" SPACE ABOVE CEILING IS TO BE USED AS RETURN AIR PLENUM. MATERIALS EXPOSED IN PLENUM MUST HAVE A FLAME SPREAD RATE OF NO MORE THAN 25 & A SMOKE DEVELOPMENT INDEX NOT TO EXCEED 50. PVC PIPE, FUEL GAS PIPING, FLEX DUCT AND RUBBER FOAM INSULATION ARE PROHIBITED.



06 GUTTER LIGHT DETAIL
SCALE: 3" = 1'-0"



07 CORRIDOR HEADER
SCALE: 1/2" = 1'-0"

CITY OF GRAPEVINE
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4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

REFLECTED CEILING PLAN

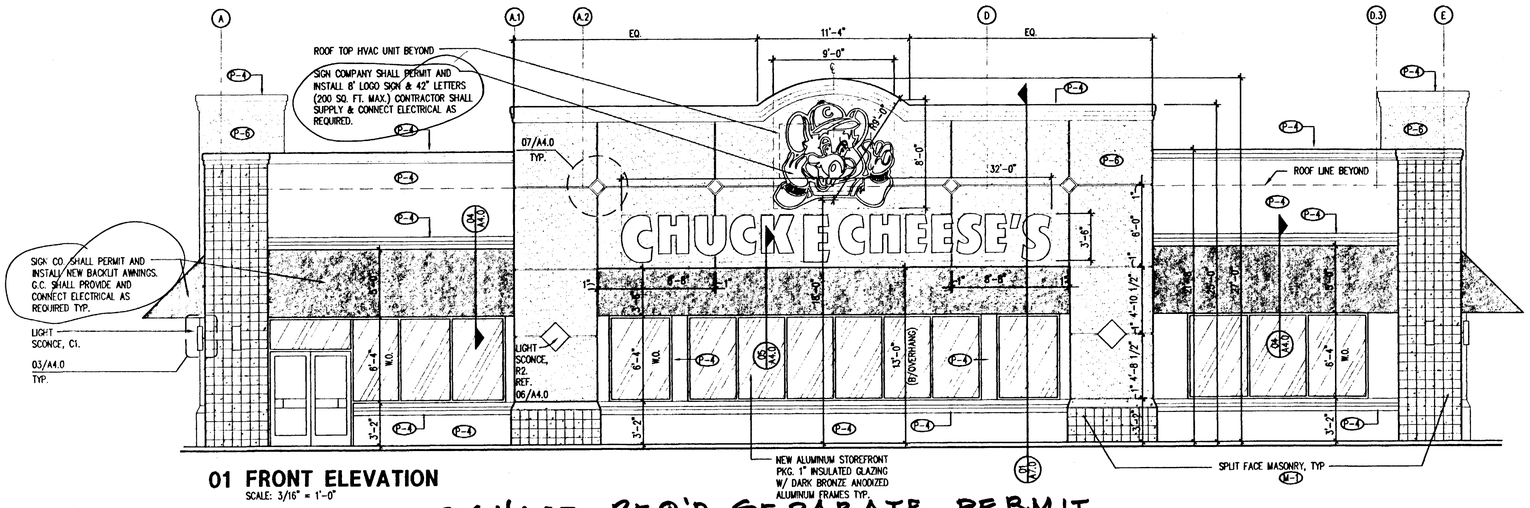
REGISTERED ARCHITECT C. T. CHANG 8,975 STATE OF TEXAS

Date 11/21/2001

Revisions

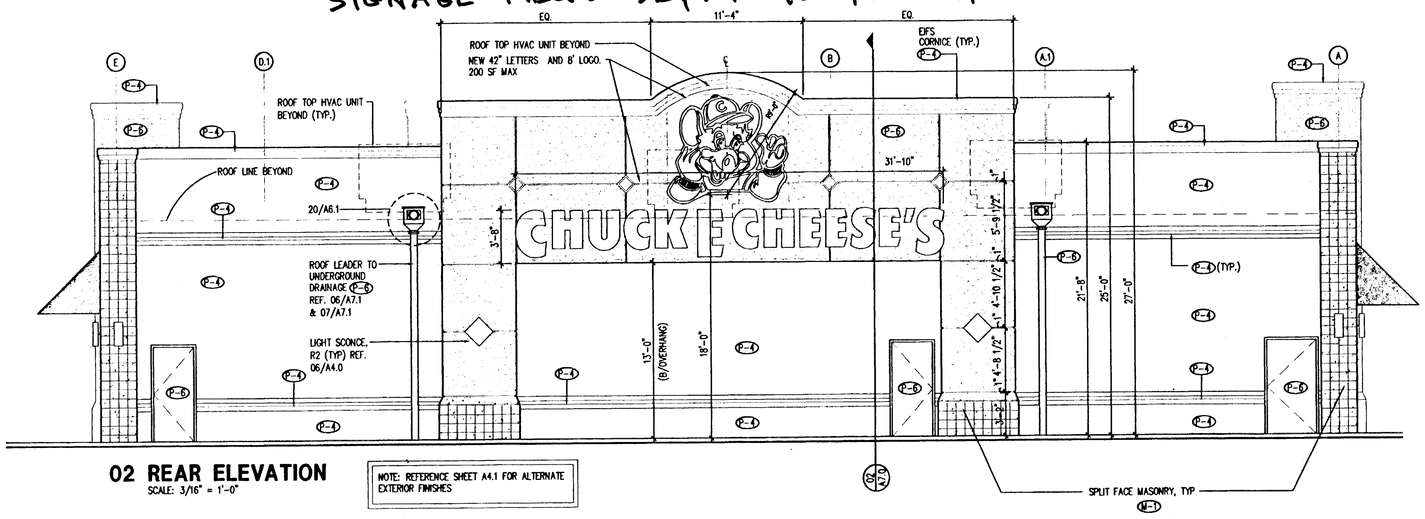
Project Number SB-854

Sheet Number A3.0 of 17



01 FRONT ELEVATION
SCALE: 3/16" = 1'-0"

SIGNAGE REQ'D SEPARATE PERMIT



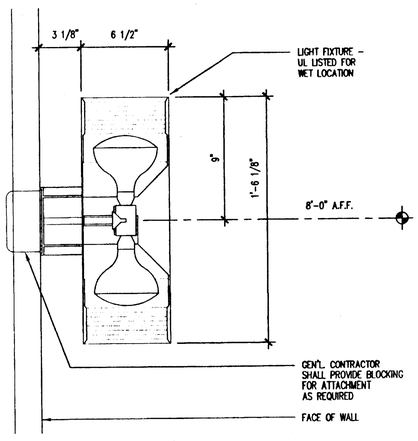
02 REAR ELEVATION
SCALE: 3/16" = 1'-0"

NOTE: REFERENCE SHEET A4.1 FOR ALTERNATE EXTERIOR FINISHES

EXTERIOR FINISHES
REFER TO SHEET A8.0 FOR COMPLETE SPECIFICATION

P-4	EIFS-"DRYVIT" OYSTER SHELL
P-5	EIFS-"DRYVIT" PANCAKE
M-1	SPLIT-FACE CONCRETE BLOCK WITH 8" SCORE "FEATHERLITE"-WHITE, WITH TYPE S WHITE MORTAR
EXTERIOR FINISH ALTERNATE:	
P-10	EIFS-"DRYVIT" CARAMEL APPLE #384
M-2	BRICK VENEER, ACME "29120017 BLEND 120 MARK IV"
ENTRY:	CUSTOM COLOR "CEC-RED" STOREFRONT DOOR
AWNING:	BACKLIT AWNING PMS RED-199 WITH GRADATION TO PMS YELLOW/ORANGE-137
DIAMOND:	8" PORCELAIN DAL-TILE "CARDINAL RED"
R2:	14" SOLID DIAMOND FACE (RED) WITH RECESSED FLUORESCENT FIXTURE. 360° WALL THROW
C1:	UP/DOWN WALL SCONCE WITH DARK BRONZE ANODIZED ALUMINUM FINISH
ALTERNATE:	CUSTOM COLOR "CEC-RED" STOREFRONT DOOR

BUILDING IS 100% MASONRY PER CITY OF GRAPEVINE STANDARDS (INCLUDING EXTERIOR INSULATION FINISH SYSTEM "EIFS", AND SPLIT FACE MASONRY VENEER (OR BRICK VENEER ALTERNATE)



03 WALL MOUNT LIGHT FIXTURE
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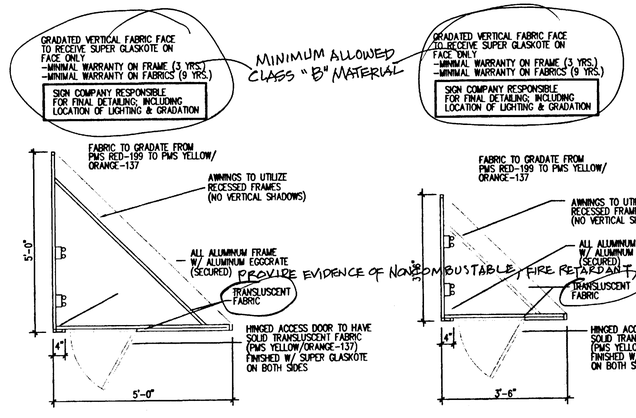
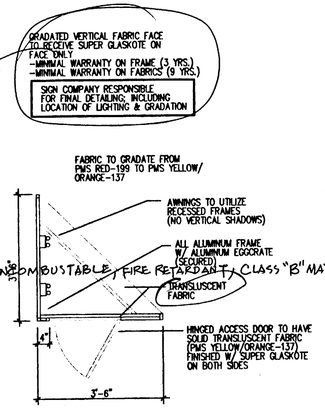


04 AWNING DETAIL @ ENTRY & SIDE WINDOWS
SCALE: 1/2"=1'-0"



05 AWNING DETAIL @ ENTRY & SIDE WINDOWS
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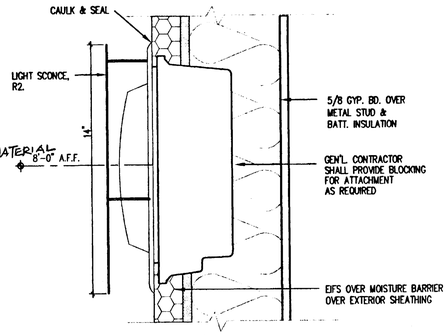

06 RECESSED DIAMOND LIGHT FIXTURE
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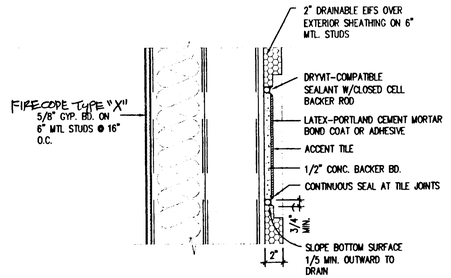
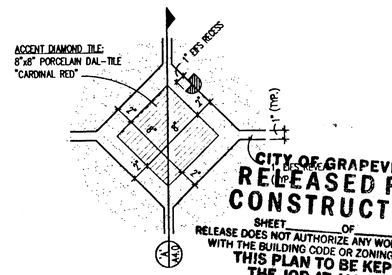


'A' SECTION
SCALE: 1-1/2" = 1'-0"



07 ACCENT TILE
SCALE: 1-1/2" = 1'-0"

CITY OF GRAPEVINE
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GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

#854
GRAPEVINE, TX

EXTERIOR ELEVATIONS AND DETAILS

CHARLES T. CHANG REGISTERED ARCHITECT STATE OF TEXAS

Date
11/21/2001

Revisions

Project Number
SB-854

Sheet Number
A4.0
of 17

NOTE: REFERENCE THIS SHEET FOR ALTERNATE EXTERIOR FINISHES

SIGN COMPANY SHALL PERMIT AND INSTALL 8' (75 SQ. FT. MAX.) CONTRACTOR SHALL SUPPLY & CONNECT ELECTRICAL AS REQUIRED.

EIFS CORNICE (TYP.)

EIFS CORNICE (TYP.)

ROOF TOP HVAC UNIT BEYOND

ROOF LINE BEYOND

LIGHT SCONCE, C1. 03/A4.0 TYP.

LIGHT SCONCE, R2 (TYP.) REF. 06/A4.0

SPLIT FACE MASONRY PILASTER, TYP

01 LEFT ELEVATION
SCALE: 3/16" = 1'-0"

NOTE: PROVIDE POWER TO SIGNS AND AWNINGS THRU TIME CLOCK. ADJUST SETTINGS IN ACCORDANCE WITH OWNER'S CRITERIA.

SIGNAGE REQ'D SEPARATE PERMIT

SIGN COMPANY SHALL PERMIT AND INSTALL 8' LOGO SIGN (75 SQ. FT. MAX.) CONTRACTOR SHALL SUPPLY & CONNECT ELECTRICAL AS REQUIRED.

ROOF TOP HVAC UNIT BEYOND - CENTERED ON ROOF (TYP.)

THIS HVAC SCREENED FROM BELOW-CENTERED ON ROOF AS SHOWN ON FRONT ELEVATION.

PROVIDE EVIDENCE ON NONCOMBUSTABLE, FIRE-RETARDANT, CLASS "B" MATERIAL

SIGN CO. SHALL PERMIT AND INSTALL NEW BACKLIT AWNINGS. C.C. SHALL PROVIDE AND CONNECT ELECTRICAL AS REQUIRED TYP.

EIFS CORNICE (TYP.)

ROOF LINE BEYOND

LIGHT SCONCE, R2 (TYP) REF. 06/A4.1

SPLIT FACE MASONRY WAINSCOT, TYP

02 RIGHT ELEVATION
SCALE: 3/16" = 1'-0"

SOLDIER BRICK

SOLDIER BRICK

BRICK VENEER, TYP

ROWLOCK SILL

BRICK VENEER, TYP

ALTERNATE EXTERIOR FINISHES (TYP. FOR ALL FACADES)
03 SCALE: 3/16" = 1'-0"

ALTERNATE: ANY CHANGE REQ'D CITY COUNCIL APPROVAL

a) MASONRY: SUBSTITUTE BRICK VENEER (BR-1) IN LIEU OF SPLIT FACE CMU (M-1)
b) EIFS: SUBSTITUTE "DRYVIT" CARAMEL APPLE (P-10) IN LIEU OF "DRYVIT" PANCAKE (P-6)

CITY OF GRAPEVINE
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IRVING, TEXAS 75062

GRAPEVINE, TX

EXTERIOR ELEVATIONS

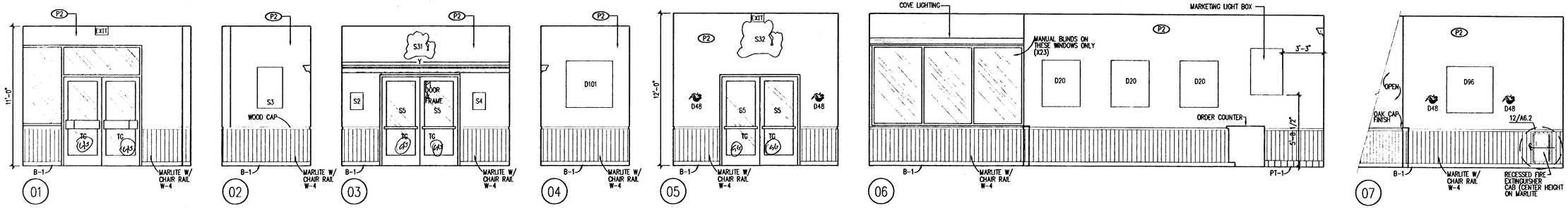
REGISTERED ARCHITECT C. T. CHANG 10273 STATE OF TEXAS

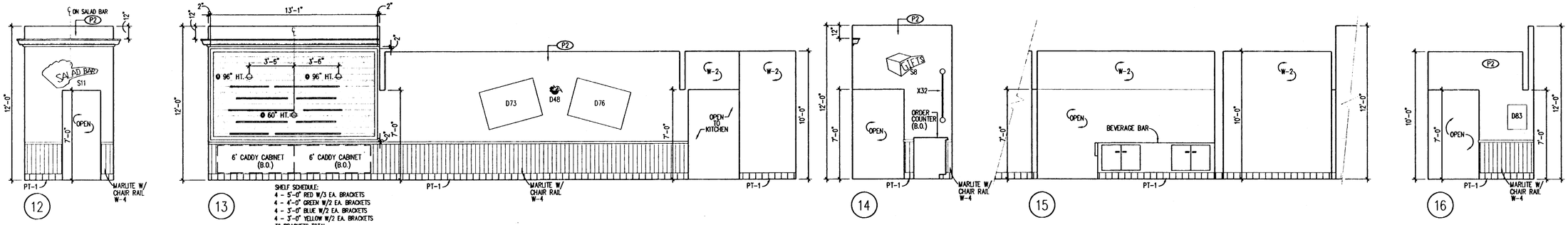
Date
11/21/2001

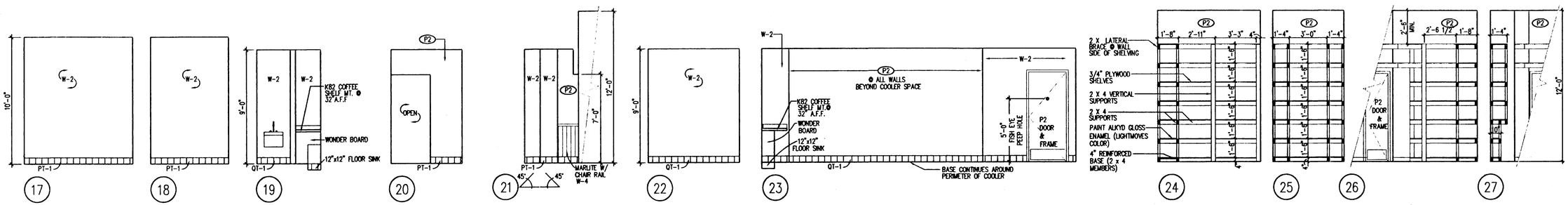
Revisions

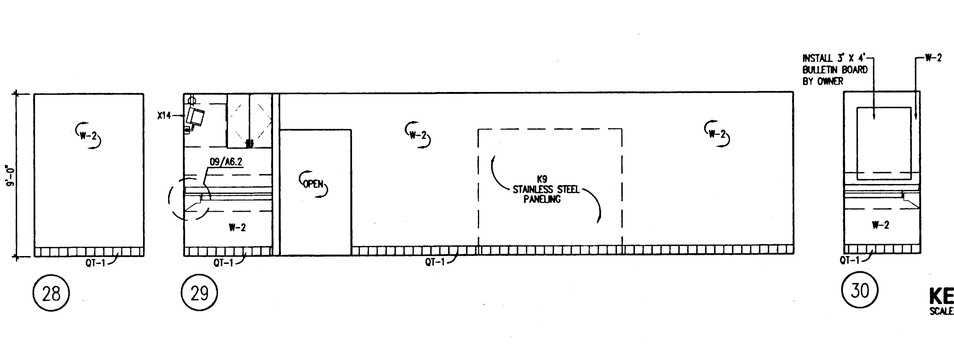
Project Number
SB-854

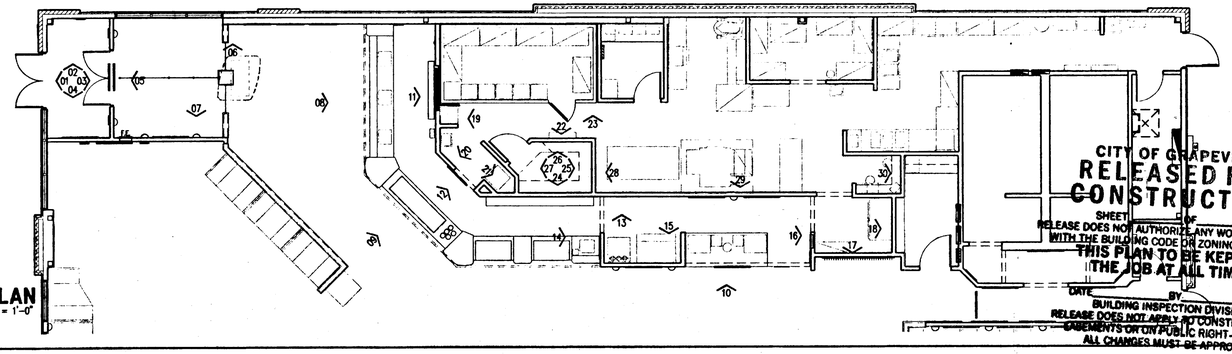
Sheet Number
A4.1
of 17











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GRAPEVINE, TX

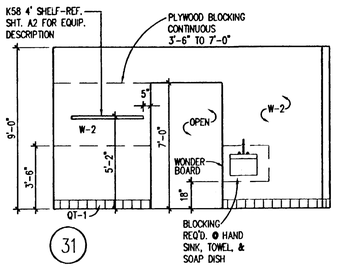
INTERIOR ELEVATIONS

Date
11/21/2001

Revisions

Project Number
88-854

Sheet Number
A5.0



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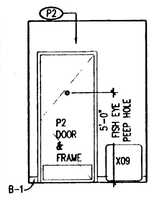

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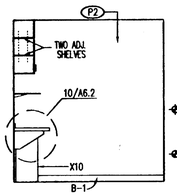

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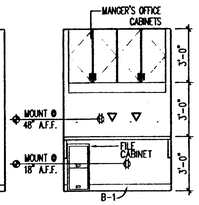

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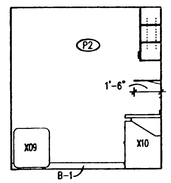

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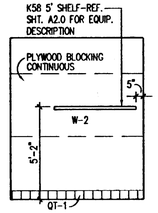

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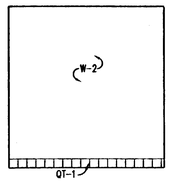

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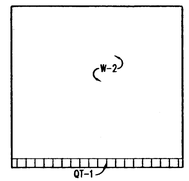

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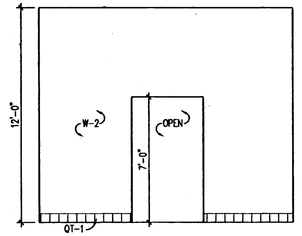

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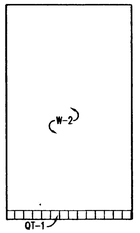

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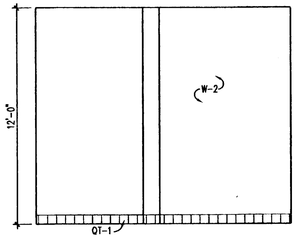

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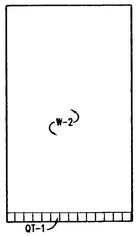

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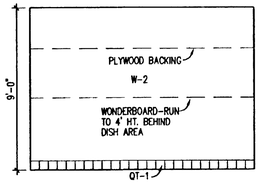

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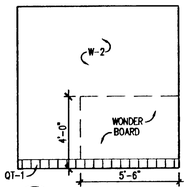

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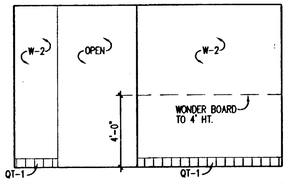

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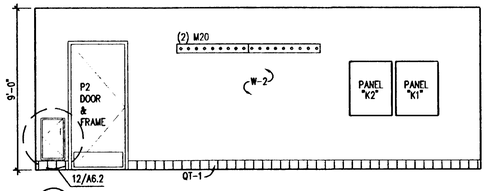

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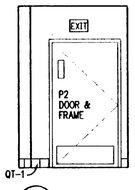

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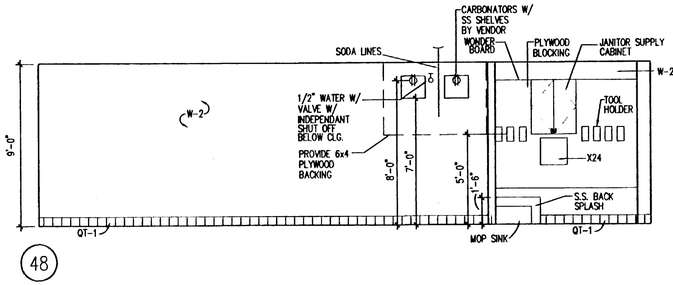

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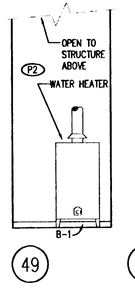

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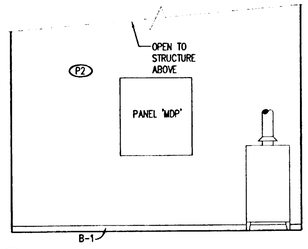

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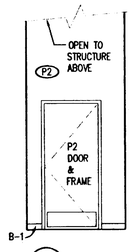

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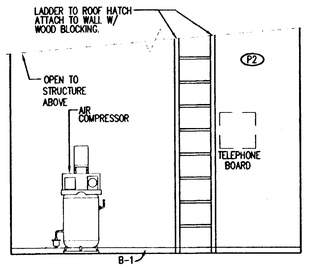

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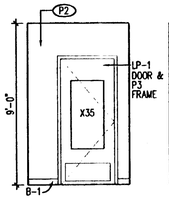

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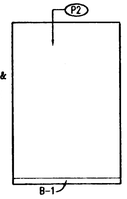

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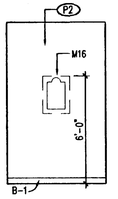

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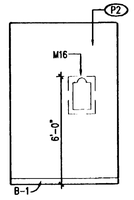

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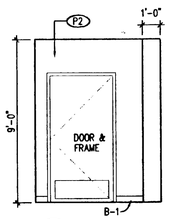

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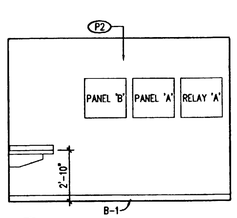

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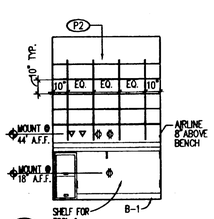

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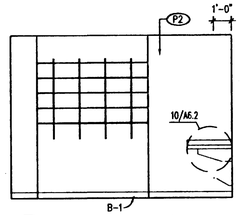

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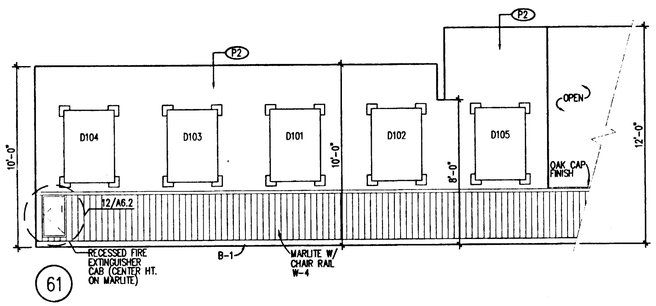

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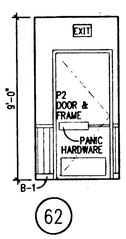

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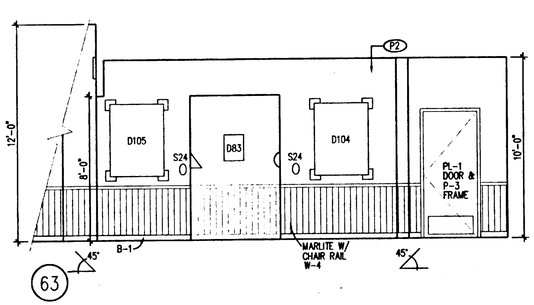

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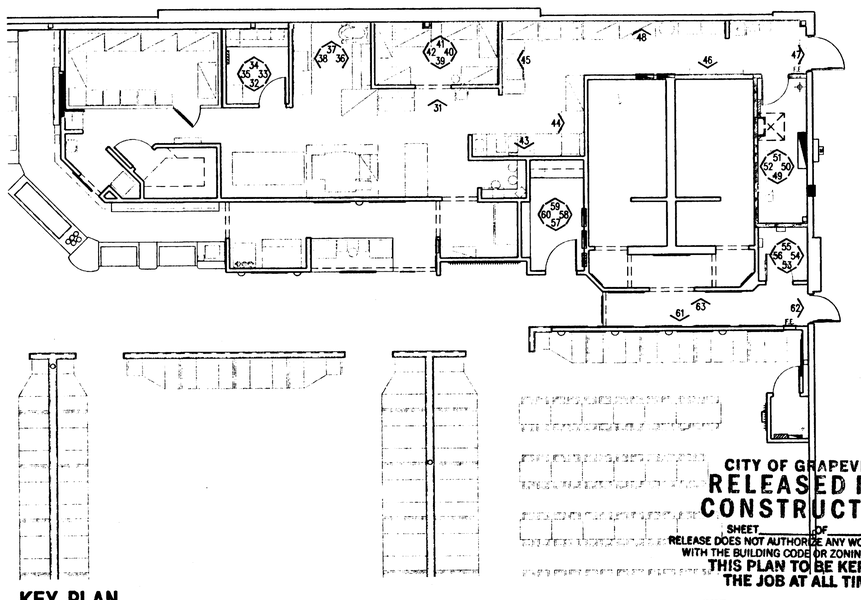

KEY PLAN
SCALE: 1/8" = 1'-0"

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET_____OF_____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE_____BY_____
BUILDING INSPECTION DIVISION
RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY
ALL CHANGES MUST BE APPROVED

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C.T. CHANG & ASSOC. INC.
1010 W. EULESS BLVD., SUITE 110
EULESS, TX 76040 817 354-9010

GRAPEVINE, TX

#854

CHUCK E. CHEESE'S PIZZA.
GRAPEVINE MILLS MALL
GRAPEVINE, TX.
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

INTERIOR ELEVATIONS

REGISTERED ARCHITECT
STATE OF TEXAS

Date
11/21/2001

Revisions

Project Number
SB-854

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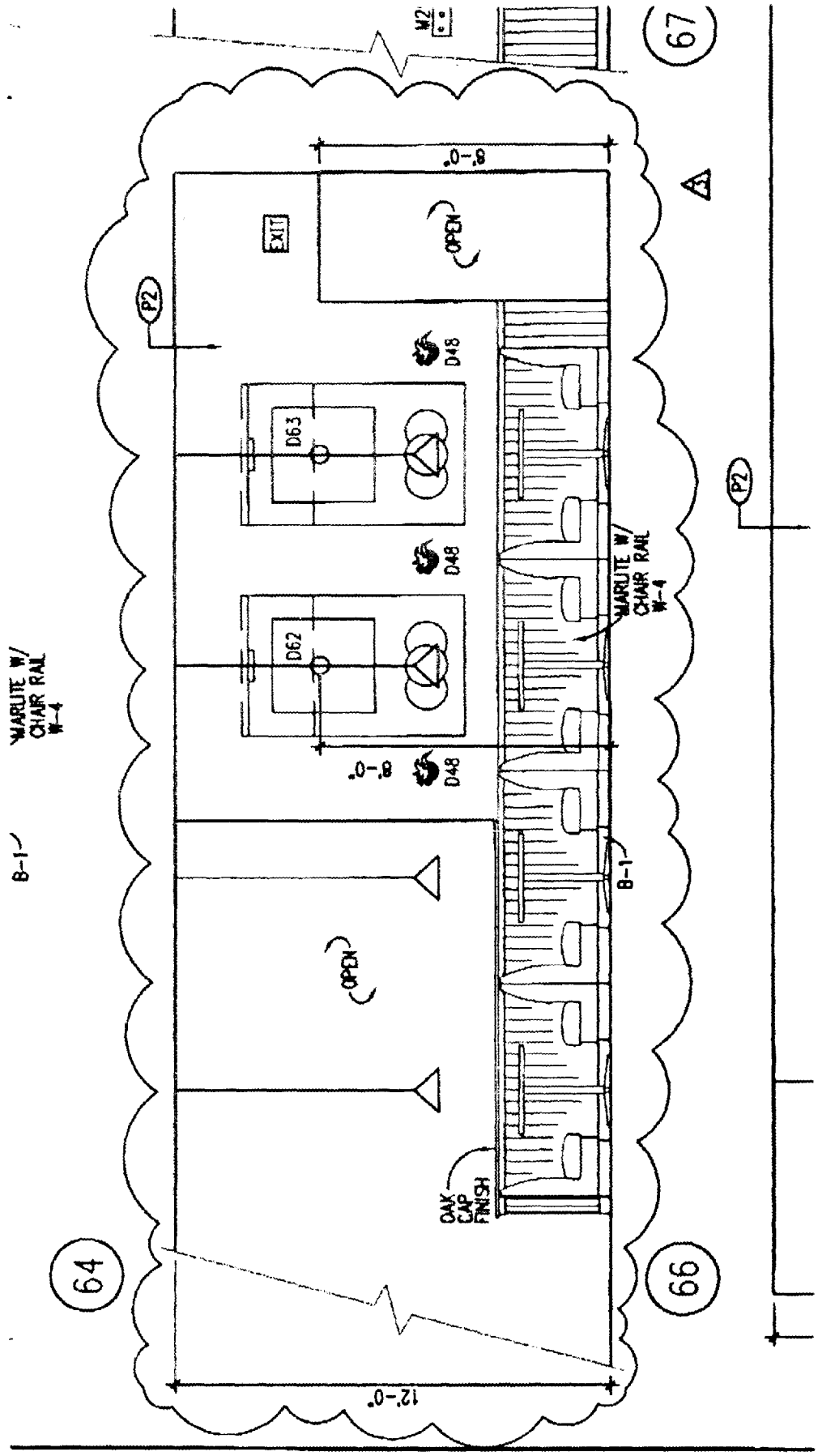
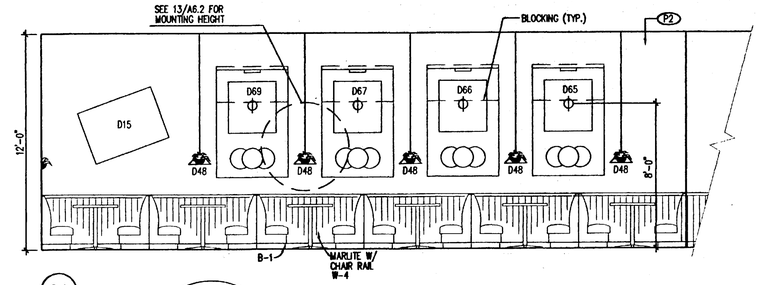
of 17

Chuck @ Arbees
1/22/02





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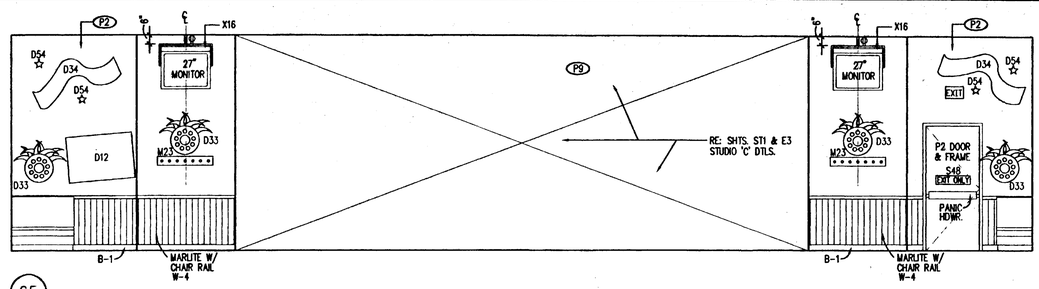

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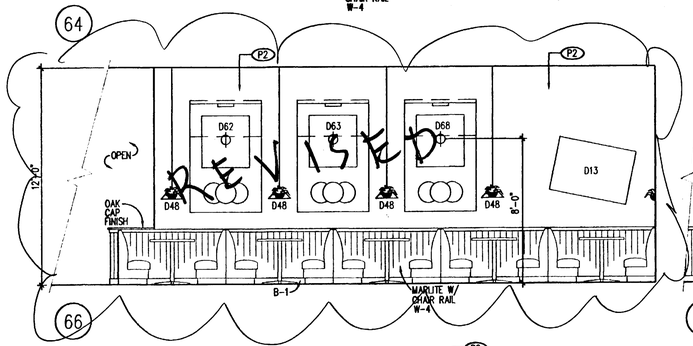

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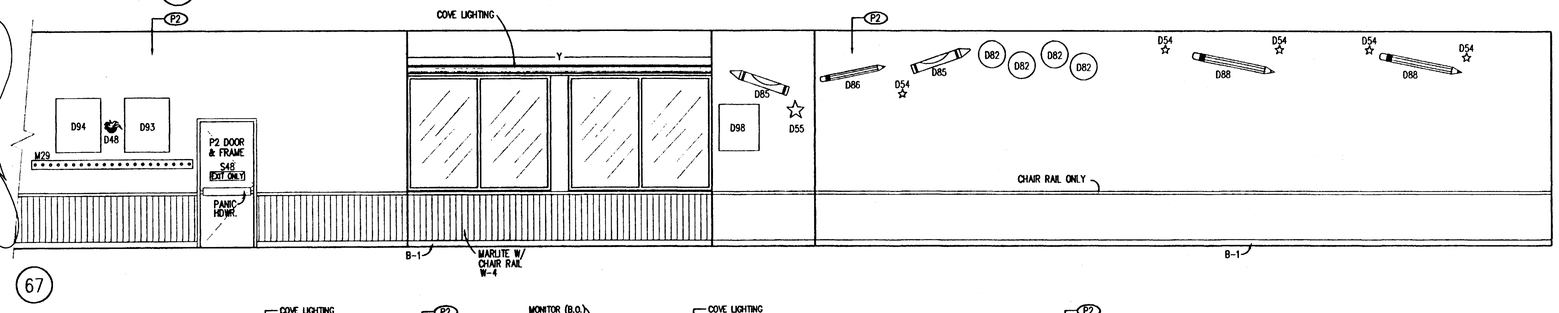

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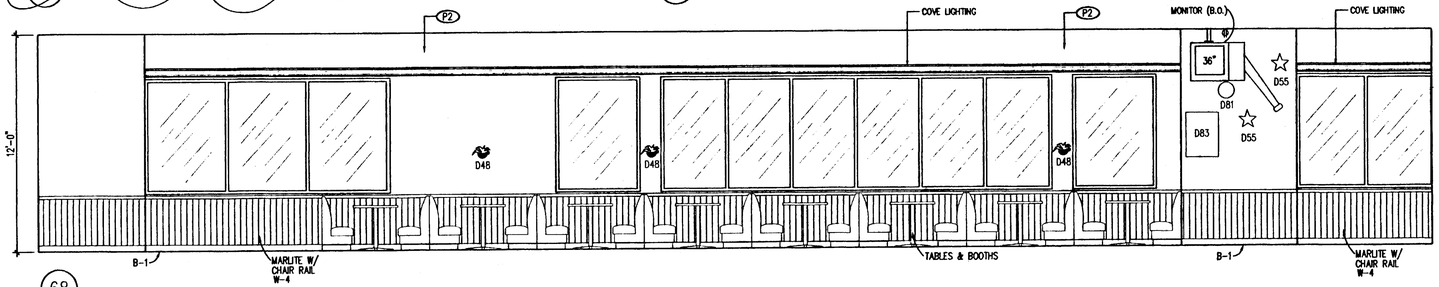

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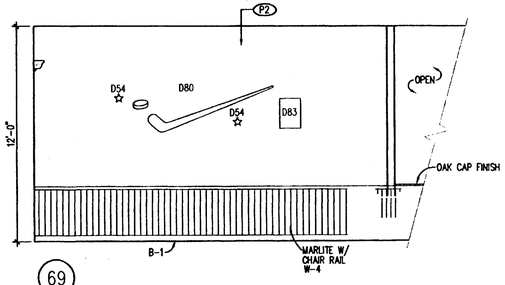

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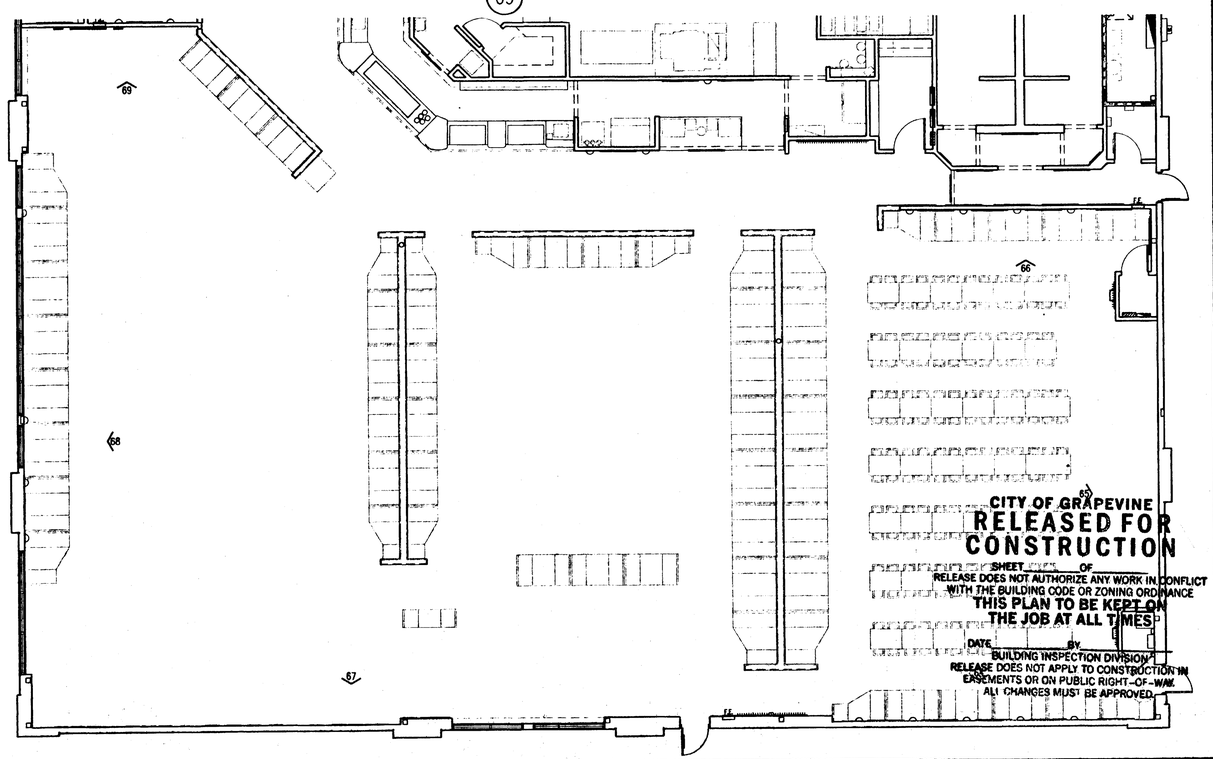

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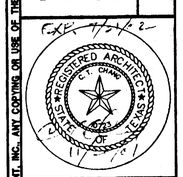
ARCHITECTURE - PLANNING - DESIGN
C.T. CHANG & ASSOC., INC.
1010 W. EULESS BLVD., SUITE 110
EULESS, TX 76040 817 354-5010

GRAPEVINE, TX

CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

INTERIOR ELEVATIONS



Date
11/21/2001

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88-854

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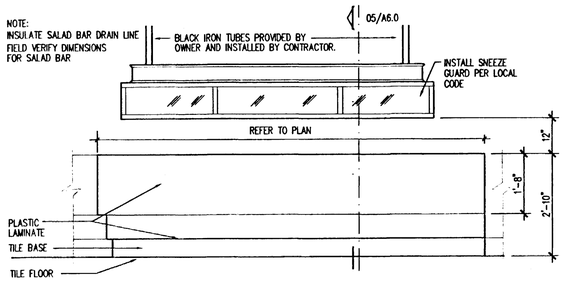
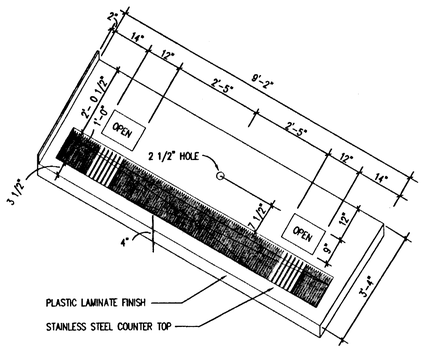
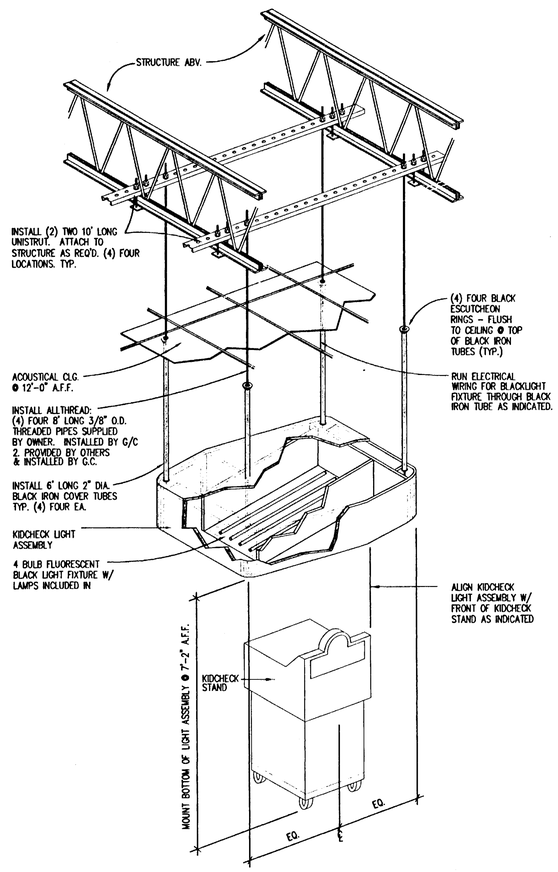
of 17



01 SALAD BAR ELEVATION
SCALE: 1/2"= 1'-0"



02 BEVERAGE BAR COUNTERTOP
SCALE: 1/2"= 1'-0"



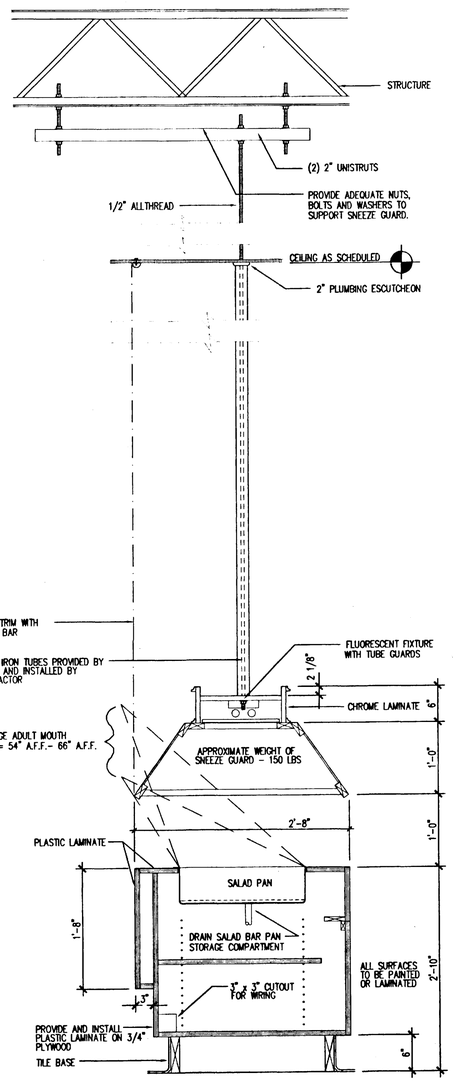
NOTE:
CONTRACTOR INSTALLS LIGHT BOX, POWERS CONNECTIONS AS SHOWN, AND RUNS COAXIL CABLES. ALL MONITORS AND CAMERAS ARE INSTALLED BY OWNER.

OWNER PROVIDE

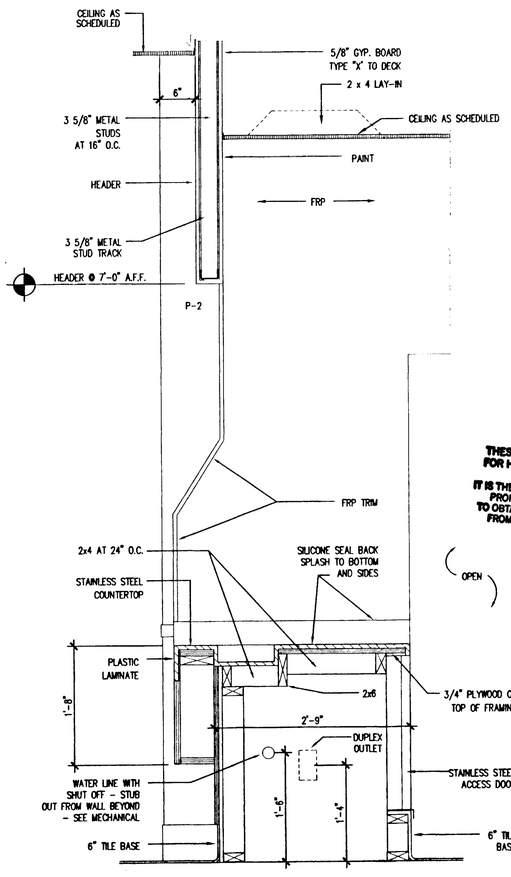
1. KIDCHECK LIGHT ASSEMBLY
2. 2" BLACK IRON COVER PIPES & BRASS ESCUTCHEONS
3. (4) FOUR EA. 8' LENGTH OF 3/8" O.D. ALLTHREAD & (2) TWO EA. 10' LENGTH UNISTRUT
4. COAXIL CABLES

NOTE: G/C TO VERIFY W/ OWNER 'NO ELECTRONICS' LIGHT BOX VERSION.

04 KIDCHECK ISOMETRIC
NO SCALE



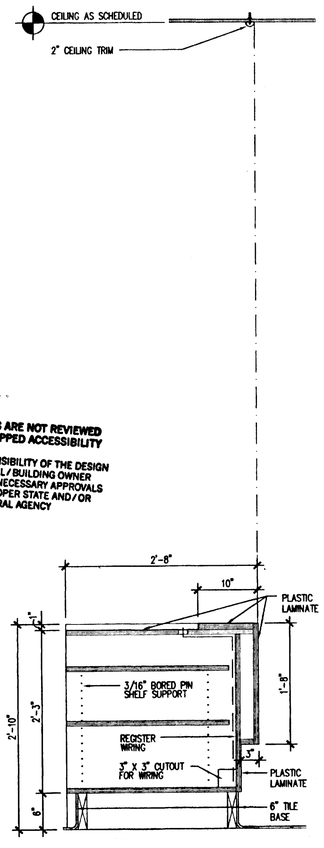
05 SECTION AT SALAD BAR
SCALE: 1"= 1'-0"



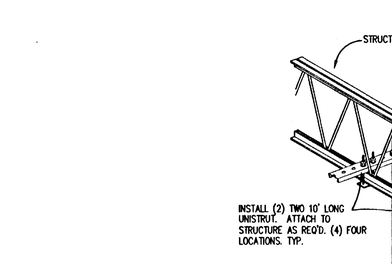
06 BEVERAGE BAR SECTION
SCALE: 1"= 1'-0"

THESE PLANS ARE NOT REVIEWED FOR HANDICAPPED ACCESSIBILITY

IT IS THE RESPONSIBILITY OF THE DESIGN PROFESSIONAL / BUILDING OWNER TO OBTAIN THE NECESSARY APPROVALS FROM THE PROPER STATE AND/OR FEDERAL AGENCY



07 SECTION AT ORDER COUNTER
SCALE: 1"= 1'-0"



03 SECTION AT REGISTERS
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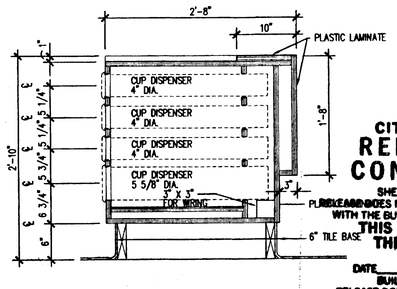
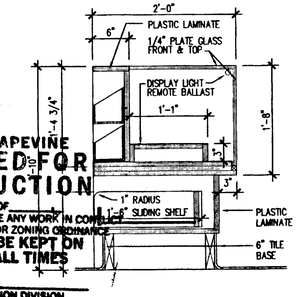


08 SECTION AT ORDER COUNTER
SCALE: 1"= 1'-0"



09 SECTION AT GIFT COUNTER
SCALE: 1"= 1'-0"

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET ____ OF ____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
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DATE ____ BY ____
BUILDING INSPECTION DIVISION
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EULESS, TX 76040 817 354-5010

CHUCK E. CHEESE'S PIZZA.
GRAPEVINE MILLS MALL
GRAPEVINE, TX
#854
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062
DETAILS

REGISTERED ARCHITECT
C. CHANG
85783
STATE OF TEXAS

Date
11/21/2001

Revisions

Project Number
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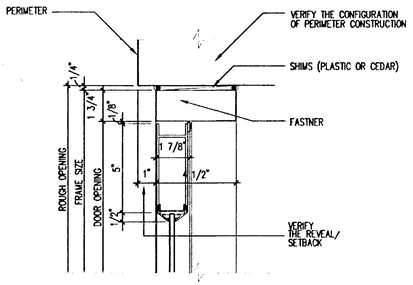
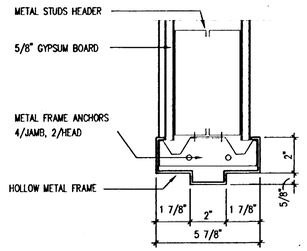
of 17



01 HEAD DETAIL
SCALE: 3" = 1'-0"



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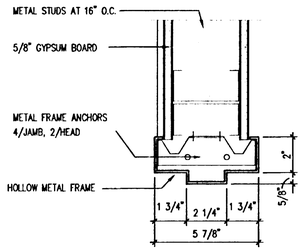

03 JAMB DETAIL
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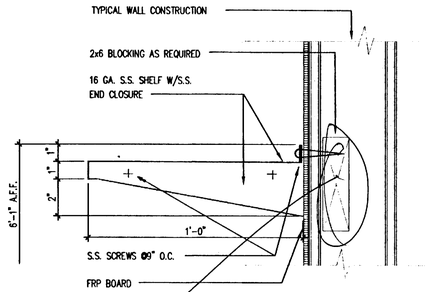

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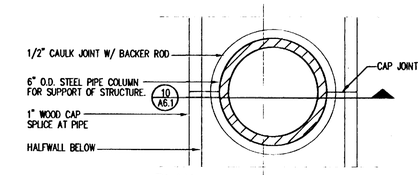

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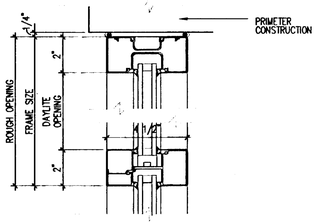
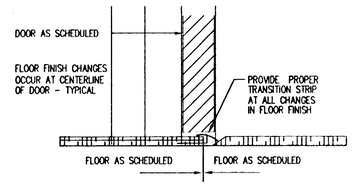
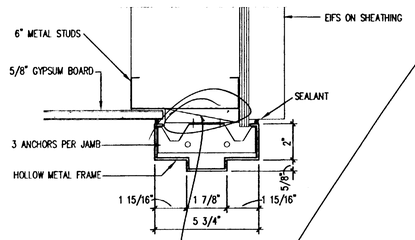


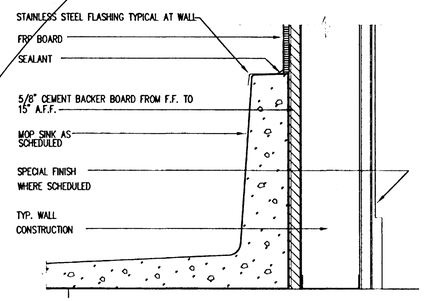
06 MULLION DETAIL
SCALE: 3" = 1'-0"



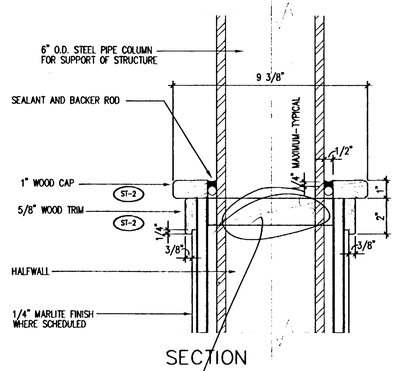
07 INTERIOR THRESHOLD
SCALE: 3" = 1'-0"



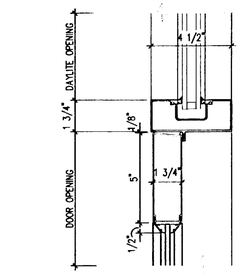
08 JAMB DETAIL HEAD SIMILAR
SCALE: 3" = 1'-0"



09 MOP SINK DETAIL
SCALE: 3" = 1'-0"



10 COLUMN AT HALFWALL
SCALE: 3" = 1'-0"



11 JAMB DETAIL
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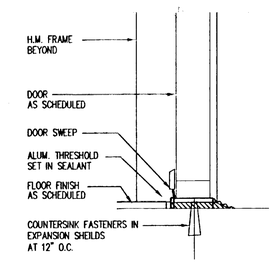

12 THRESHOLD DETAIL
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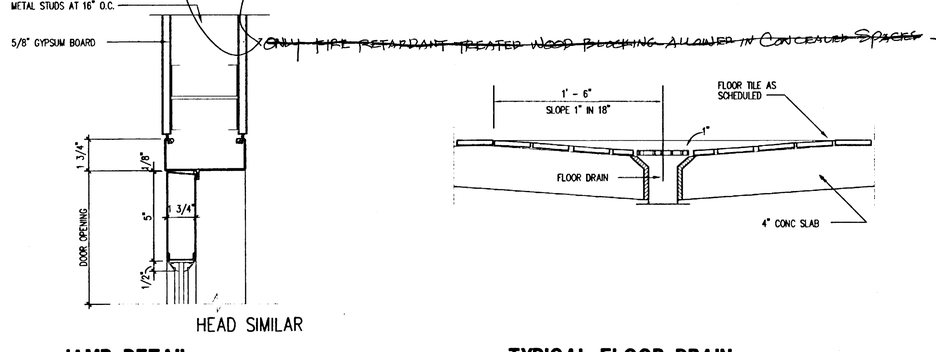
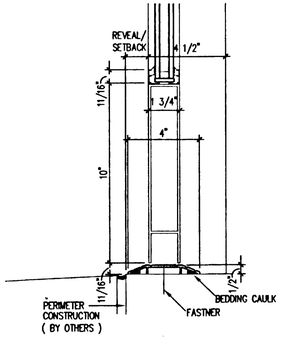


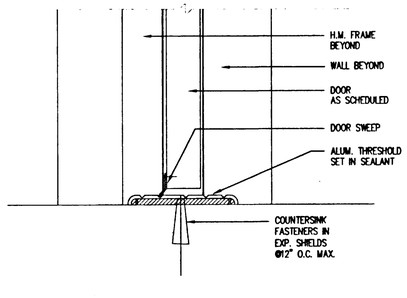
13 JAMB DETAIL
SCALE: 3" = 1'-0"

14 TYPICAL FLOOR DRAIN
SCALE: 1 1/2" = 1'-0"

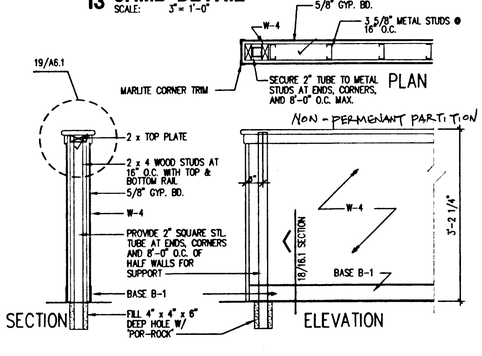
15 NOT USED
SCALE: 3" = 1'-0"



16 THRESHOLD DETAIL
SCALE: 3" = 1'-0"



17 THRESHOLD DETAIL
SCALE: 3" = 1'-0"



18 TYPICAL HALF WALL
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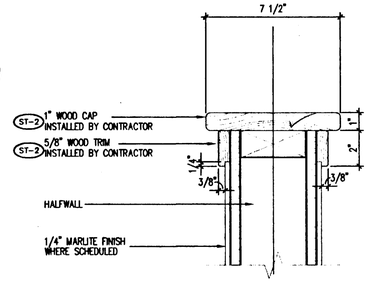
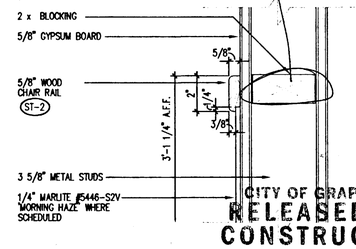


19 HALF WALL CAP DETAIL
SCALE: 3" = 1'-0"



20 CHAIR RAIL DETAIL
SCALE: 3" = 1'-0"

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET ____ OF ____
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1010 HURST BLVD., SUITE 110
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817 354-9010

CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

DETAILS

REGISTERED ARCHITECT
STATE OF TEXAS
CHANG
1975
OF

Date
11/21/2001

Revisions

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98-854

Sheet Number
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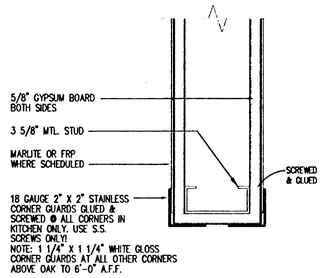
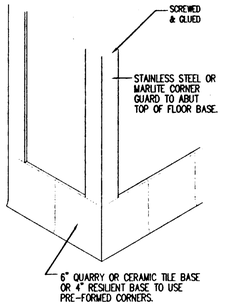
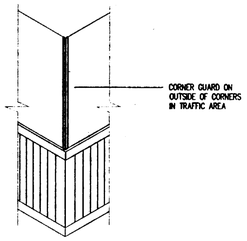
of 17



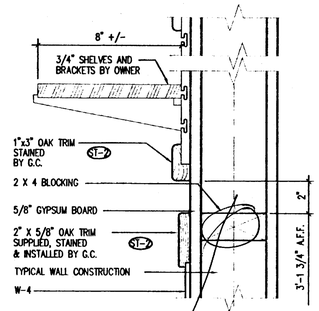
01 CORNER GUARD
SCALE: 3"=1'-0"



02 CORNER DETAIL
SCALE: 1 1/2"=1'-0"

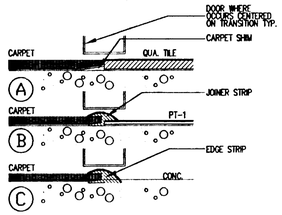


03 PLASTIC CORNER GUARD
SCALE: 1/4" = 1'-0"



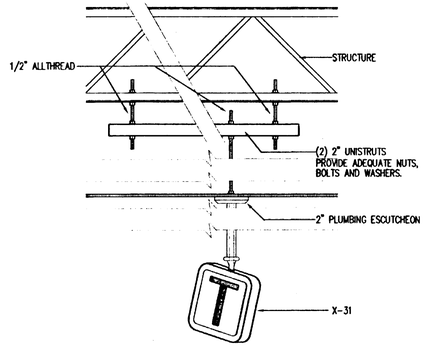
04 GIFT SHOP SHELF SECT.
SCALE: 3"=1'-0"

05 NOT USED
N.T.S.

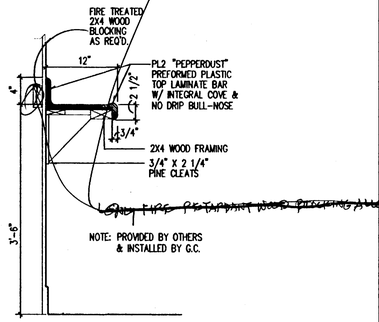


06 TRANSITION STRIPS
NO SCALE

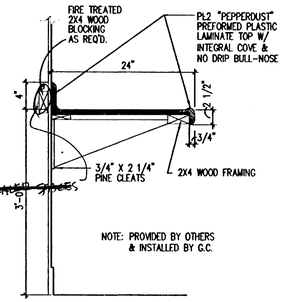
07 NOT USED
NO SCALE



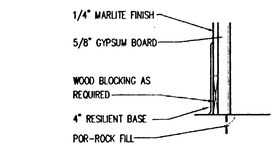
08 TODDLER ZONE SIGN
SCALE: 1/2" = 1'-0"



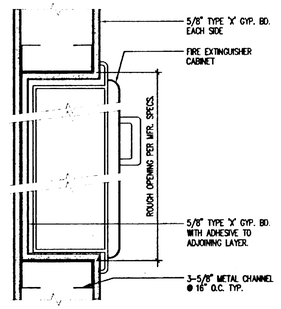
09 EMPLOYEE BREAK BAR TOP
N.T.S.



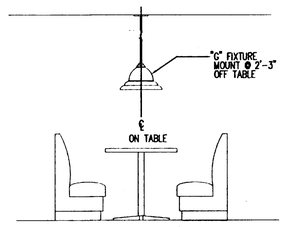
10 OFFICE OR TECH ROOM COUNTER
N.T.S.



11 BASE DETAIL
SCALE: 3"= 1'-0"



12 FIRE EXTINGUISHER CABT.
SCALE: 3" = 1'-0"



13 PENDANT DETAIL
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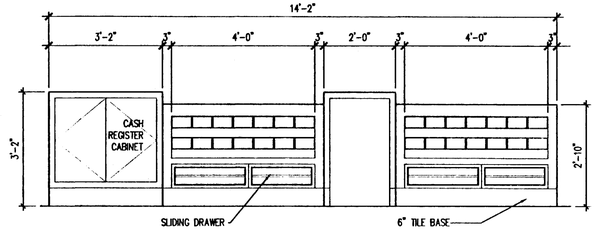
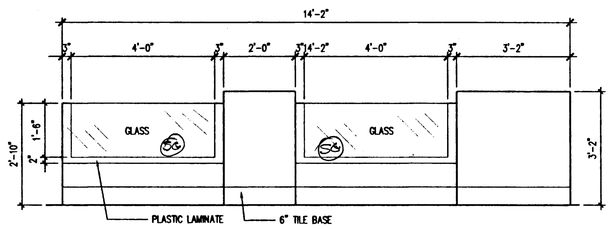


17 GIFT COUNTER-REAR
SCALE: 1/2" = 1'-0"



18 GIFT COUNTER-FRONT
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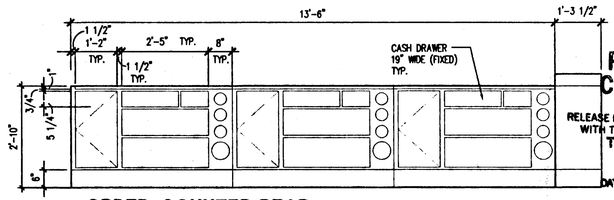

19 ORDER COUNTER-REAR
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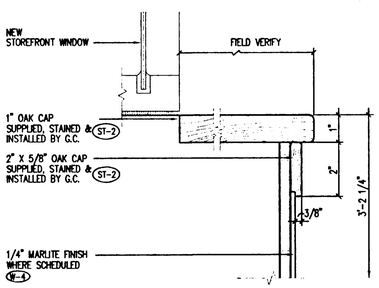

14 OAK CAP DETAIL AT WINDOW
SCALE: 3"=1'-0"

15 NOT USED
NO SCALE

16 NOT USED
SCALE: 1/2"=1'-0"

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
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1010 W. EULESS BLVD., SUITE 110
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#854

GRAPEVINE, TX

CHUCK E. CHEESE'S PIZZA.
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

DETAILS

C.T. CHANG — REGISTERED ARCHITECT — STATE OF TEXAS — 8726

Date
11/21/2001

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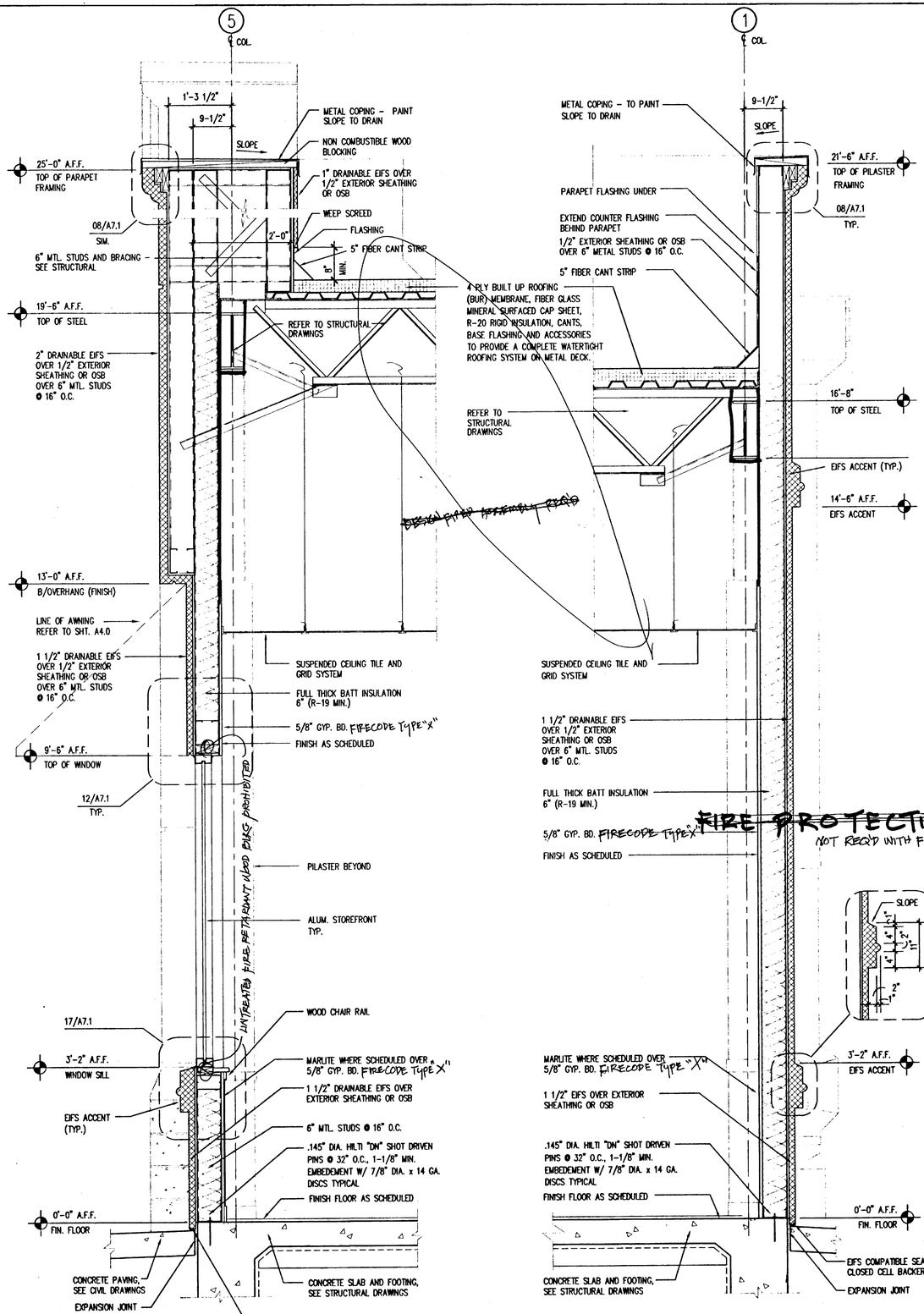

01 WALL SECTION @ OVERHANG SCALE: 3/4"=1'-0"

02 EXTERIOR WALL SECTION @ REAR SCALE: 3/4"=1'-0"

03 EXTERIOR SIDE WALL SECTION SCALE: 3/4"=1'-0"

04 WALL SECTION @ OVERHANG SCALE: 3/4"=1'-0"

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
BY
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EULESS, TX 76040 817 354-8010

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GRAPEVINE MILLS MALL
GRAPEVINE, TX
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

EXTERIOR WALL SECTIONS

STATE OF TEXAS REGISTERED ARCHITECT C.T. CHANG 17973 ARCHITECT OF RECORD

Date
11/21/2001

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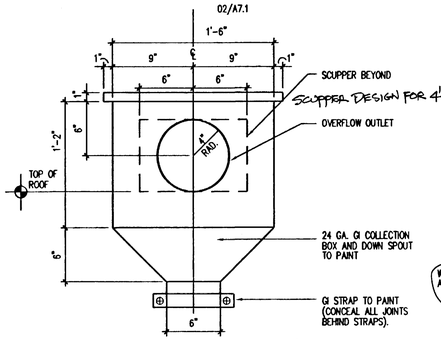
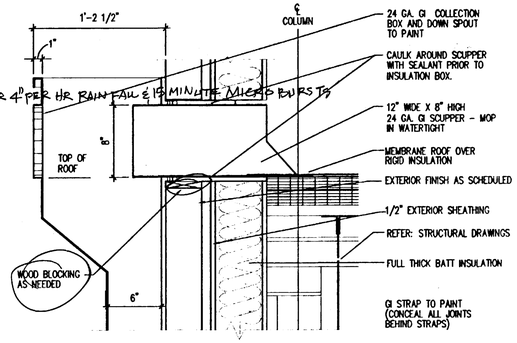
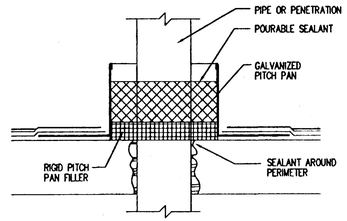


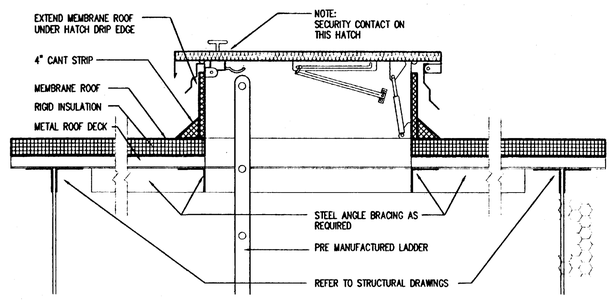
01 COLLECTION BOX DETAIL
SCALE: 1 1/2" = 1'-0"



02 SCUPPER DETAIL
SCALE: 1 1/2" = 1'-0"



03 ROOF PENETRATION DETAIL
SCALE: 3" = 1'-0"



04 ROOF HATCH
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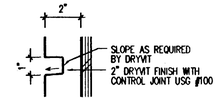

05 E.I.F.S REVEAL
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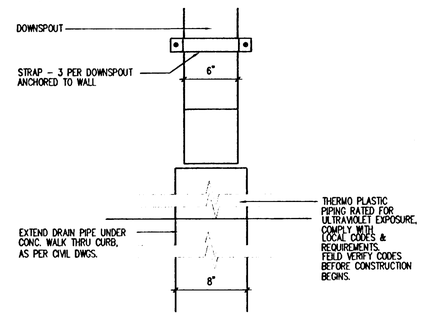

06 DOWNSPOUT DETAIL
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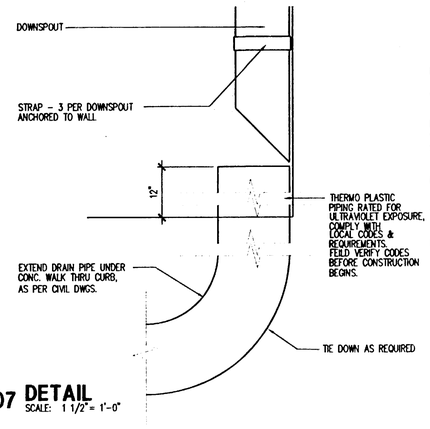
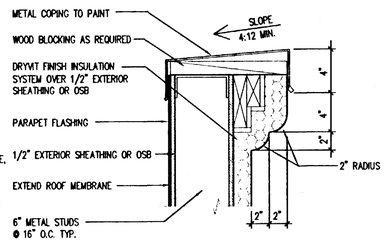
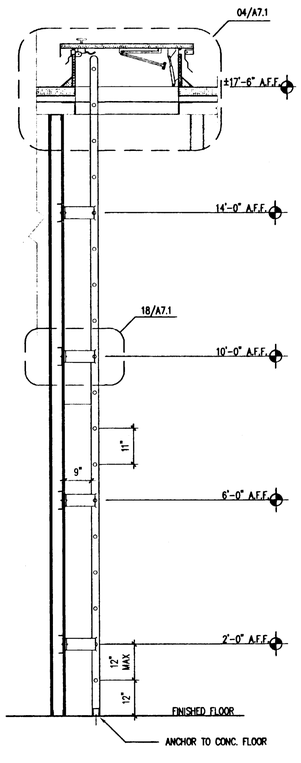


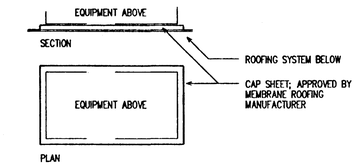
07 DETAIL
SCALE: 1 1/2" = 1'-0"



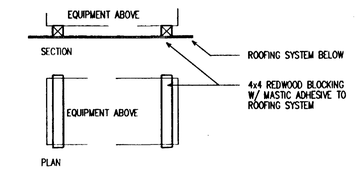
08 PARAPET CAP DETAIL
SCALE: 1 1/2" = 1'-0"



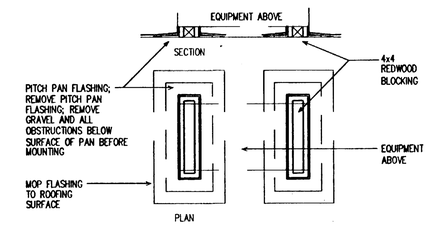
13 LADDER DETAIL
SCALE: 1/2" = 1'-0"



MEMBRANE ROOF SYSTEM

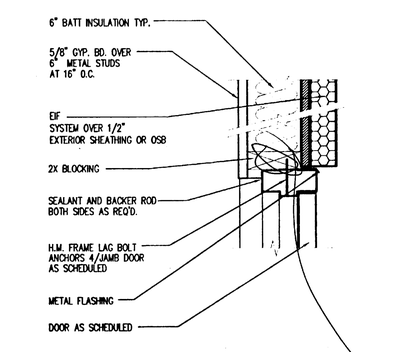


GRANULAR SURFACE ROOF SYSTEM

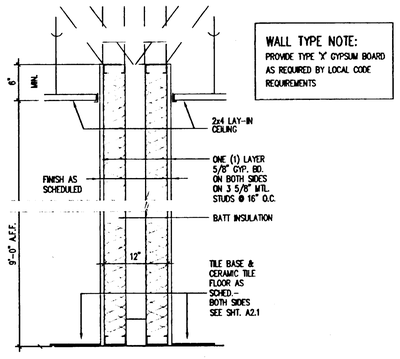


TAR, FELT, & GRAVEL ROOF SYSTEM

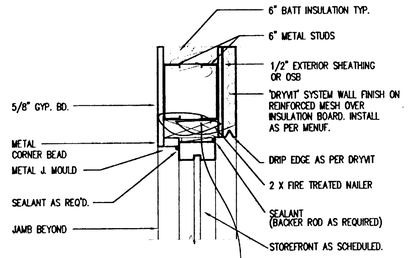
14 DEATIL-ROOF EQUIPMENT
SCALE: 1 1/2" = 1'-0"



10 SECTION-EXT. DOOR JAMB/HEAD
SCALE: 1 1/2" = 1'-0"

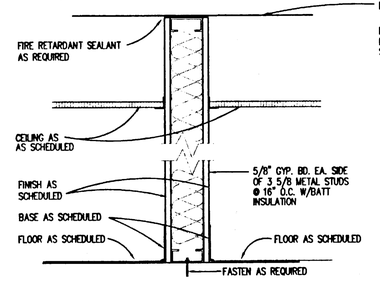


11 PLUMBING PARTITION SECTION
SCALE: 1 1/2" = 1'-0"

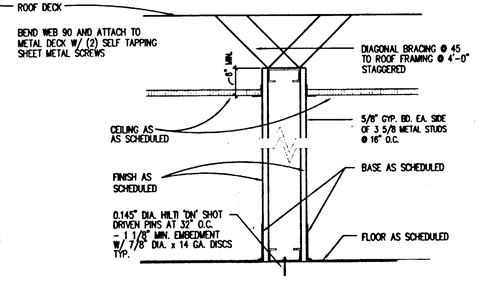


12 HEAD AT WINDOW
SCALE: 1 1/2" = 1'-0"

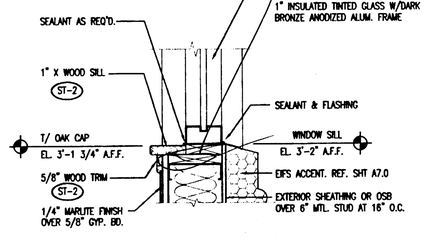
EARLY FIRE RETARDANT TREAT WOOD BLOCKING ALLOWED IN CONCEALED SPACES



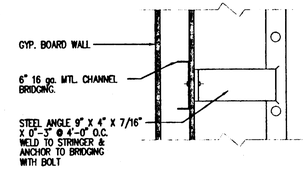
15 INTERIOR PARTITION AT COMPRESSOR ROOM
SCALE: 3"=1'-0"



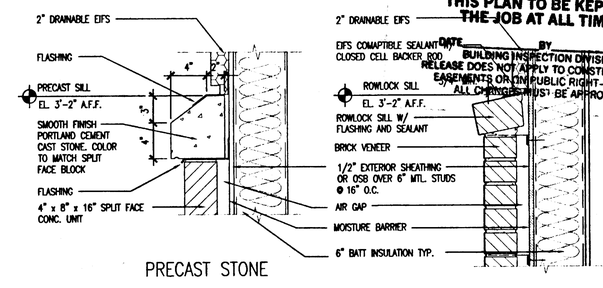
16 TYP. INTERIOR PARTITION
SCALE: 1 1/2" = 1'-0"



17 SECTION @ WINDOW SILL
SCALE: 1 1/2"=1'-0"



18 DETAIL
NO SCALE



PRECAST STONE

BRICK (ALTERNATE)

19 SECTION @ SILL
SCALE: 1 1/2"=1'-0"

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET ___ OF ___
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE.
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE ___ BY ___
BUILDING INSPECTION DIVISION
RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY. ALL CHANGES MUST BE APPROVED

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EULESS, TX 76040
817 354-5010

CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

DETAILS

Date 11/21/2001

Revisions

Project Number SB-854

Sheet Number A7.1 of 17

FINISH KEY

03300 CONCRETE

E — EXPOSED CONCRETE – SEAL WITH EPOXY

04210 MASONRY

M-1 — SPLIT FACE MASONRY UNIT BY FEATHERLITE. FACE: ROCKFACE W/ MIDDLE SCORE SIZE: 4" X 8" X 16", COLOR: WHITE.
GROUT: TYPE S, WHITE.

M-2 (ALTERNATE)
ACME "29120017 BLEND 120 MARK IV"

GROUT ACME "IVORY BUFF" TYPE S

05720 ORNAMENTAL METAL LAM INDUSTRIES, INC.

BR-1 FLUSH END POST, 2", CLEAR COAT BRASS
BR-2 FLUSH CENTER POST, 2", CLEAR COAT BRASS
BR-3 2" x 4" WALL FLANGE, CLEAR COAT BRASS
BR-4 2" DIAMNETER TUBING, WRINKLE BLACK

06410 PLASTIC LAMINATE

PL-1 WILSONART "HOLLYBERRY" RED CRYSTAL D-307-90

PL-2 WILSONART "PEPPER DUST" D327-6

09260 GYPSUM DRYWALL

GP-1 TO PAINT (refer to Painting for texture)
GP-2 NOT USED

09310 PORCELEAN FLOOR TILE

PT-1 TYPE: FLOOR TILE
SIZE: 12" x 12"
TILES: CROSSVILLE #A850 GRAPHITE UPS – UNPOLISHED SMOOTH IN DRY AREAS
BASE: 6" HIGH COVE – CROSSVILLE GRAPHITE
GROUT: MFGR. CUSTOM BUILDING PRODUCTS "CHARCOAL"

PT-2 TYPE: FLOOR TILE
SIZE: 12" x 12"
TILES: CROSSVILLE #A850 GRAPHITE CP-1 – ABRASIVE USED IN WET LOCATIONS
GROUT: MFGR. CUSTOM BUILDING PRODUCTS "PEWTER"

09311 CERAMIC WALL TILE

CT-1 TYPE: WALL TILE (FIELD)
SIZE: 4-1/4" x 4-1/4"
TILES: UNITED STATES CERAMICS TILE #4078 BONE
GROUT: MFGR. CUSTOM BUILDING PRODUCTS "SAIL WHITE"

CT-2 TYPE: WALL TILE (ACCENT)
SIZE: 4-1/4" x 4-1/4"
TILES: UNITED STATES CERAMICS TILE #U733 RED
GROUT: MFGR. CUSTOM BUILDING PRODUCTS "SAIL WHITE"

09330 QUARRY TILE

QT-1 TYPE: SMOOTH FINISH FLOOR TILE (USED IN DRY AREAS)
SIZE: 6" x 6"
TILES: DALTILE TEXTURES "DIABLO RED" T-01
BASE: 6" HIGH COVE – DALTILE TEXTURES "DIABLO RED"
GROUT: MFGR. CUSTOM BUILDING PRODUCTS "CHARCOAL"

QT-2 TYPE: ABRASIVE FINISH FLOOR TILE (USED IN WET AREAS)
SIZE: 6" x 6"
TILES: DALTILE TEXTURES "DIABLO RED" T-01 ABRASIVE
BASE: 6" HIGH COVE – DALTILE TEXTURES "DIABLO RED"
GROUT: MFGR. CUSTOM BUILDING PRODUCTS "CHARCOAL"

09510 ACOUSTICAL LAY-IN CEILINGS

LT-1 ARMSTRONG #1761HA, FINE FISSURED SECOND LOOK II 24" x 48" x 3/4" WITH XL HA 15/16" EXPOSED TEE SYSTEM

LT-2 ARMSTRONG #670 VINYL FACED G.I.P. 24" x 48" x 1/2" WITH PRELUDE XL WHITE GRID

LT-3 LT-2 PAINT TO MATCH LT-1
GRID TO MATCH CEILING TILE COLOR IN PUBLIC AREAS

LT-4 PAINT LT-1 CEILING & GRID P-8 "STONES THROW"

09678 RESILIENT BASE

B-1 4" HIGH COVE – BURKE 642P – "CHARCOAL"

09697 CARPET

C-1 HARBINGER CARPET "CEC PASSION" SUPPLIED BY OWNER
C-2 HUEGA SUPERFLOOR "S" 18" X 18" TILE BY J. ARNOLD
214-742-1745 COLOR: 1359 (IN VESTIBULE ONLY)
C-3 HARBINGER/DURKIN "TODDLER" CARPET SUPPLIED BY OWNER

09900 PAINT/STAINS

All products listed are available thru Sherwin Williams.
National Account Manager Marvin Buckland 214-657-9181.

VERIFY ALL EXISTING COLORS PRIOR TO STARTING ANY WORK TO 214-821-9100.
ALL PRODUCTS LISTED SHALL COMPLY WITH STATE VOC GUIDELINES

P-1 Hollyberry Red custom formula: used on exposed metal columns and older non-prefinished front doors (not for new powder-coat finish entrance doors).
PRIMER KROMIK metal primer
PAINT Base: industrial Enamel Safety Red B54R38
B54R38-Hollyberry Red-Ind.Enamel-Safety Red Base, Base Colorant, 0V-40, QR-32, TW-16
Note: On older remodeled stores some interior doors also use this color in those cases, prep for re-paint with scuff sand (2 coats)

P-2 Lightmoves SW-1053 used on upper walls, fire exit doors and frames.
TEXTURE Drywall Texture medium orange peel (verify/approval)
PRIMER Drywall Primer ProMar 200 latex primer B30W200 (1 coat)
PAINT Drywall Paint ProMar 200 latex semi-gloss enamel B31W200 (2 coats)
Note: On fire exit doors and frames
Paint DTM acrylic coating B66-2003
(only in cases of rust or stick surface scuff sand and use KROMIK universal primer)

P-3 Windsor Gray SW1040 used on interior door frames
PAINT DTM acrylic coating B66-2002 (scuff sand and primer only as required)

P-4 Oyster Shell exterior custom color matching dryvit specification
PRIMER Loxon A24W300
PAINT formula base A-100 (satin/2 coats minimum)
DTM B66 W201-Oyster Shell same for A-100, Y3-9+01, R2+11, B1+1
on metals and flashing use KROMIK primer & DTM paint.

P-5 Morning Haze custom match to marlite of same name used only on remodels (not for new construction)
PRIMER XIM primer (1 coat)
PAINT formula base B34W200 alkyd enamel (semi gloss),
B31W201-Morning Haze, B1-36+1, Y3-22+1, R2-7, NW-5

P-6 Pancake exterior custom color matching dryvit specification
PRIMER Loxon A24W300
PAINT formula base A-100 (satin/2 coats)
DTM B66 W201-Pancake-Same for A-100, Y3-28,R2-4,B1-1

P-7 Haze custom match to Armstrong, ceiling grid and tile of same name. (Used on remodels only, not for new construction)
PAINT B30 W 401, W1-2Y, P1-4

P-8 Stones Throw used on ceiling of Studio "C" show (new construction)
PAINT ProMar 200 interior latex flat paint (B30 W 200)

P-9 Flat Black used on backwall or animated show
PAINT ProMar 400 flat latex (2 coats)

P-10 Caramel Apple exterior custom color matching dryvit specification
PRIMER Loxon A24W300
PAINT formula base A-100 (satin/2 coats minimum)
DTM B66 W201-Caramel Apple Dryvit Color #384
on metals and flashing use KROMIK primer & DTM paint.

ST2 Interior oak (marlite chair rail cap and misc.)
1ST COAT Sherwin Williams wood wiping stain (cherry) SR4 R8 cherry with 4 oz. maroon oxide
2ND COAT Sherwin Williams wood vinyl sealer T87 F3
3RD COAT Sherwood oak acrylic T75 C15
4TH COAT same as third coat

09971 FRP

W-2 .09 THK EMBOSSED Fiberglas Reinforced Panels – KEMLITE – FRP WHITE

09972 MARLITE WALL PANELS

W-4 1/4" MARLITE NO. 5446-52V "MORNING HAZE"
W-5 DISPLAY WALL – NO.2764 "CRYSTAL GREY"
CONTACT MARLITE/BILL McCAULEY @ 817-481-4554

HARDWARE SCHEDULE

HARDWARE SET NO. 1 – DOUBLE FRONT ENTRANCE DOORS

2	EA PIVOT	KAWNEER		BOTTOM OFFSET	#17 CLR FINISH
2	EA PIVOT	KAWNEER		TOP OFFSET	#17 CLR FINISH
2	EA PIVOT	KAWNEER		INTERMEDIATE	#17 CLR FINISH
2	EA PULL	KAWNEER		OFFSET PULL	#17 CLR FINISH
2	EA PANIC	KAWNEER	PANELINE II	EXIT DEVICE	#14 CLR ANODIZED
1	EA CLINDER	KAWNEER		KEYED	
1	EA THRESHOLD	KAWNEER		1/2" X 4" MILL FINISH	
2	EA CLOSER	LCN	#4041	18TJ SNB	DB #33

HARDWARE SET NO. 2 – DOUBLE ENTRY/LOBBY DOORS

2	EA PIVOT	KAWNEER		BOTTOM OFFSET	#17 CLR FINISH
2	EA PIVOT	KAWNEER		TOP OFFSET	#17 CLR FINISH
2	EA PIVOT	KAWNEER		INTERMEDIATE	#17 CLR FINISH
1	EA PULL	KAWNEER	CO-9	OFFSET PULL	#17 CLR FINISH
2	EA PUSH	KAWNEER	CP-II	EXIT DEVICE	#17 CLR FINISH
1	EA THRESHOLD	KAWNEER		1/2" X 4" MILL FINISH	
2	EA CLOSER	LCN	#4041	18TJ SNB	DB #33

HARDWARE SET NO. 3 – TRAFFIC DOORS

HARDWARE BY MANUFACTURER:
STANDARD EASY SWING PIVOTAL HINGE
JAMB GUARDS

HARDWARE SET NO. 4 – EXTERIOR KITCHEN SERVICE DOORS

4	EA BUTTS	HAGER	#BB-1279	4.5" x 4.5"	US32D
1	EA THRESHOLD	N.GUARD	#325 X WIDTH SCHED.		AL
1	EA DEAD BOLT	SCHLAGE	#B180N		US26D
1	EA CLOSER	LCN	#4116H0	SNB	BLACK
1	EA EXIT ALARM	DETEX	#EA-500S	2049S	
1	EA PANIC	CORBIN	#3729	HEAVY DUTY SNB	US32D
1	EA GASKET SET	N.GUARD	#TM137A		
1	EA SWEEP	N.GUARD	#TM2000A		
3	EA SILENCERS	HAGER	#307D		
1	EA VIEW WINDOW	ANEMOSTAT		2" x 8" W/ METAL FRAME	

HARDWARE SET NO. 5 – EXIT DOOR

3	EA BUTTS	HAGER	#BB-1279	4.5" x 4.5" NRP	US26D
1	EA THRESHOLD	N.GUARD	#896 x 3"	W/ NEOPRENE	AL
1	EA GASKET SET	N.GUARD	#TM137A		
1	EA EXIT ALARM	DETEX	#EA-500S	2049S	
1	EA PANIC	V. DUPRIN	#88EO	SNB	US26D
3	EA SILENCERS	HAGER	#307D		
1	EA CLOSER	LCN	#4011	SNB	BLACK

HARDWARE SET NO. 6 – TOILET ROOMS

3	EA BUTTS	HAGER	#BB-1279	4.5" x 4.5"	US26D
1	EA CLOSER	LCN	#4011	SNB	BLACK
1	EA PULL	HAGER	#34L	4" x 18"/12" PULL	US26D
1	EA PUSH PLATE	HAGER	#30S	4" x 16"	US28D
1	EA KICK PLATE	HAGER	#190S	10" x 34" PUSH	US26D
1	EA WALL STOP	B.BRASS	#W9		US26D
3	EA SILENCERS	HAGER	#307D		

HARDWARE SET NO. 7 – KITCHEN DOORS

3	EA BUTTS	HAGER	#1279	4.5" x 4.5"	US26D
1	EA LOCKSET	SCHLAGE	#D80PD	RHODES	US26D
1	EA WALL STOP	B. BRASS	#W9	AS REQUIRED	US26D
1	EA KICK PLATE	HAGER	#190S	10" x 34"	US32D
3	EA SILENCERS	HAGER	#307D		

HARDWARE SET NO. 8 – INTERMEDIATE SERVICE DOORS

3	EA BUTTS	HAGER	#BB-1279	4.5" x 4.5" NRP	US26D
1	EA LOCKSET	SCHLAGE	#D80PD	RHODES	US26D
1	EA THRESHOLD	N.GUARD	#322 x WIDTH SCHEDULED		AL
1	EA SWEEP	N.GUARD	#TM200A x WIDTH SCHEDULED		
3	EA SILENCERS	HAGER	#307D		

HARDWARE SET NO. 9 – TECH, CONTROL, COSTUME & OFFICE

3	EA BUTTS	HAGER	#BB-1279	4.5" x 4.5"	US26D
1	EA LOCKSET	SCHLAGE	#D80PD	RHODES	US26D
1	EA CLOSER	LCN	#1461	SNB	BLACK
1	EA WALL STOP	B.BRASS	#W9	AS REQUIRED	US26D
1	EA KICK PLATE	HAGER	#190S	10" x 34"	US26D
3	EA SILENCERS	HAGER	#307D		

HARDWARE SET NO. 10 – GIFT STORAGE DOOR

3	EA BUTTS	HAGER	#BB-1279	4.5" x 4.5"	US26D
1	EA LOCKSET	SCHLAGE	#D80PD	RHODES	US26D
1	EA CLOSER	LCN	#1461	SNB	BLACK
1	EA WALL STOP	B.BRASS	#W9	AS REQUIRED	US26D
3	EA SILENCERS	HAGER	#307D		

HARDWARE SET NO. 11 – SINGLE TOILET DOOR

3	EA BUTTS	HAGER	#BB-1279	4.5" x 4.5"	US26D
1	EA PRIVACYSET	SCHLAGE	#D40S	RHODES	US26D
1	EA CLOSER	LCN	#1461	SNB	BLACK
1	EA WALL STOP	B.BRASS	#W9	AS REQUIRED	US26D
3	EA SILENCERS	HAGER	#307D		

HARDWARE SET NO. 12 – STOREFRONT EXIT DOOR

3	EA PIVOTS BY DOOR MANUFACTURER				
1	EA THRESHOLD	N.GUARD	#896 X WIDTH SCHEDULED /		NEOPRENE
1	EA GASKET SET	N.GUARD	#5050		
1	EA EXIT ALARM	DETEX	#EA-500S	2049S	
1	EA PANIC	V. DUPRIN	#88EO	SNB	US26D
1	EA CLOSER	LCN	#1461	SNB FINISH TO MATCH DOOR	

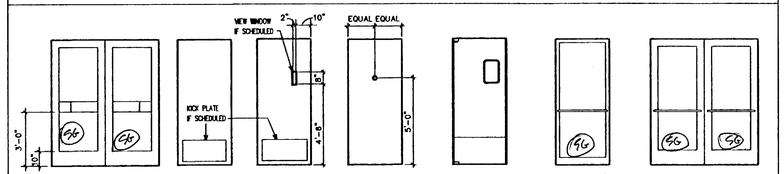
HARDWARE SET NO. 13 – EXTERIOR MECH. ROOM DOOR

3	EA BUTTS	HAGER	#BB-1279	4.5" x 4.5"	US26D
1	EA THRESHOLD	N.GUARD	#325 X WIDTH SCHED.		AL
1	EA DEAD BOLT	SCHLAGE	#B180N		US26D
1	EA GASKET SET	N.GUARD	#TM137A		
1	EA PULL	TRIMCO	#1821		US26D

KEY ALL LOCKS ON DAY OF TURNOVER. THE DOORS SHOULD BE KEYED AS FOLLOWED:
ONE GRAND MASTER (ALL OF THE LOCKS CAN BE OPENED WITH THIS KEY).
ONE KEY FOR ALL INTERIOR DOORS (COMPRESSOR ROOM IS CONSIDERED AN INTERIOR DOOR).
ONE KEY FOR TECH ROOM (ALSO ON INTERIOR DOOR KEY).
ONE KEY FOR COSTUME ROOM (ALSO ON INTERIOR DOOR KEY).
ONE KEY FOR FRONT DOOR.

COPIES OF EACH KEY:
GRAND MASTER (1)
INTERIOR DOOR KEY (3)
TECH ROOM KEY (3)
COSTUME ROOM KEY (3)
FRONT DOOR KEY (3)

DOOR TYPES



DOOR SCHEDULE

DOOR NUMBER	DOOR SIZE	DOOR TYPE	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	HARDWARE SET	LOCATION	DETAILS HEAD	DETAILS JAMB	DETAILS THRESHOLD	REMARKS
01	PR. 3'-0" X 7'-0" X 1 3/4"	A	COATED	AL	ANODIZED	1	FRONT ENTRANCE	A6.1/01	A6.1/11	A6.1/16	KAWNEER CUSTOM CEC RED
02	PR. 3'-0" X 7'-0" X 1 3/4"	G	COATED	AL	ANODIZED	2	VESTIBULE ENTRY	A6.1/13	A6.1/13	A6.1/07	KAWNEER CUSTOM CEC RED
03	NOT USED					12	STOREFRONT EXIT				
04	3'-0" X 7'-0" X 1 3/4"	C	P-2	HM	P-2	5	REAR EXIT	A6.1/08	A6.1/08	A6.1/12	
05	3'-0" X 7'-0" X 1 3/4"	C	P-2	HM	P-2	5	SIDE EXIT	A6.1/08	A6.1/08	A6.1/12	
06	3'-8" X 7'-0" X 1 3/4"	C	P-2	HM	P-2	4	KITCHEN SERVICE	A6.1/08	A6.1/08	A6.1/12	W/ VIEW WINDOW
07	NOT USED					13	EXTERIOR MECH.				
08	NOT USED					7	KITCHEN				
09	3'-0" X 7'-0" X 1 3/4"	C	P-2	HM	P-2	9	INTERIOR MECH.	A6.1/02	A6.1/03	A6.1/07	
10	3'-0" X 7'-0" X 1 3/4"	B	LP-1	HM	P-3	9	COSTUME	A6.1/02	A6.1/03	A6.1/07	UNDERCUT DOOR 1"
11	3'-0" X 7'-0" X 1 3/4"	B	LP-1	HM	P-3	9	TECH.	A6.1/02	A6.1/03	A6.1/07	UNDERCUT DOOR 1"
12	3'-0" X 7'-0" X 1 3/4"	B	LP-1	HM	P-3	9	A.V.	A6.1/02	A6.1/03	A6.1/07	UNDERCUT DOOR 1"
13	3'-0" X 7'-0" X 1 3/4"	D	P-2	HM	P-2	9	OFFICE	A6.1/02	A6.1/03	A6.1/07	W/ 180° PEEP HOLE
14	3'-0" X 7'-0" X 1 3/4"	C	P-2	HM	P-2	10	GIFT STORAGE	A6.1/02	A6.1/03	A6.1/07	
15	NOT USED					6	MEN'S TOILET				
16	NOT USED					6	WOMEN'S TOILET				
17	NOT USED					11	EMPLOYEE TOILET				
18	NOT USED					8	INTERMEDIATE SERVICE				
19	3'-0" X 7'-0" X 1 3/4"	B	LP-1	HM	P-3	9	CONTROL	A6.1/01	A6.1/03	A6.1/07	UNDERCUT DOOR 1"
20	NOT USED					3	TRAFFIC				
21	3'-0" X 7'-0" X 1 3/4"	C	P-2	HM	P-2	5	REAR EXIT	A6.1/08	A6.1/08	A6.1/12	

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALL	WAINSCOT	COLUMN	CEILING	CEILING HEIGHT	REMARKS
101	VESTIBULE	C-2	B-1	W-4, P-2	W-4	N/A	LT-1	11'-0"	SEE ELEVATION DETAIL
102	CUSTOMER SERVICE AREA	PT-1	PT-1, B-1	W-4, P-2	W-4	N/A	LT-1, LT-3	12'-0"	SEE A3.0 CEILING PLAN, A2.0 ENLARGED KITCHEN FOR TRANSITIONS OF FLOOR AND CEILING FINISH
103	GAMES AREA	C-1, C-3	B-1	W-4, P-2	W-4	P-1	LT-1	12'-0"	
104	STUDIO DINING	C-1	B-1	W-4, P2	W-4	P-1	LT-1	12'-0"	
105	STUDIO "C"	C-1	B-1	P-9	W-4	N/A	LT-4	12'-0"	SEE ST-1& E-3
106	KITCHEN ALCOVE	PT-1,PT-2	PT-1	W-2, P-2, W-4	W-4	N/A	LT-2	10'-0"	SEE INTERIOR ELEVATIONS
107	OFFICE	C-1	B-1	P-2	N/A	N/A	LT-1	9'-0"	SEE INTERIOR ELEVATIONS
108	TECH ROOM	C-1	B-1	P-2	N/A	N/A	LT-1	9'-0"	SEE INTERIOR ELEVATIONS
109	GIFT STORAGE	E	B-1	P-2	N/A	N/A	LT-1	12'-0"	
110	KITCHEN	QT-1,QT-2	QT-1	W-2	N/A	N/A	LT-2	9'-0"	USE CEMENT BACKER BOARD @ ALL KITCHEN AND REST ROOM WALLS TO PROVEDE EFFECTIVE MOISTER BARRIER
111	DRY STORAGE	QT-1	QT-1	W-2	N/A	N/A	LT-2	12'-0"	
112	MECHANICAL ROOM	E	B-1	P-2	N/A	N/A	EXPOSED TO ROOF DECK	N/A	
113	ELECTRIC/COSTUME ROOM	C-1	B-1	P-2	N/A	N/A	LT-1	9'-0"	
114	CONTROL ROOM (PANEL C)	C-1	B-1	P-2	N/A	N/A	LT-1	9'-0"	
115	RESTROOM VESTIBULE	C-1	B-1	W-4, P-2	W-4	N/A	LT-2	9'-0"	
116	MEN'S RESTROOM	PT-1,PT-2	PT-1	CT-1, CT-2, P-2	N/A	N/A	LT-2	9'-0"	SEE A2.1 USE CEMENT BACKER BOARD @ ALL KITCHEN AND REST ROOM WALLS TO PROVEDE EFFECTIVE MOISTER BARRIER
117	WOMEN'S RESTROOM	PT-1,PT-2	PT-1	CT-1, CT-2, P-2	N/A	N/A	LT-2	9'-0"	SEE A2.1 USE CEMENT BACKER BOARD @ ALL KITCHEN AND REST ROOM WALLS TO PROVEDE EFFECTIVE MOISTER BARRIER
118	CORRIDOR	C-1	B-1	W-4, P-2	W-4	N/A	LT-1	10'-0"	
119	ELECTRIC ROOM #2 (AV RACK)	C-1	B-1	P-2	N/A	N/A	LT-1	9'-0"	

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EULESS, TX 76040 817 354-5010

GRAPEVINE, TX

CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

SCHEDULES

Date
11/21/2001

Revisions

Project Number
SB-854

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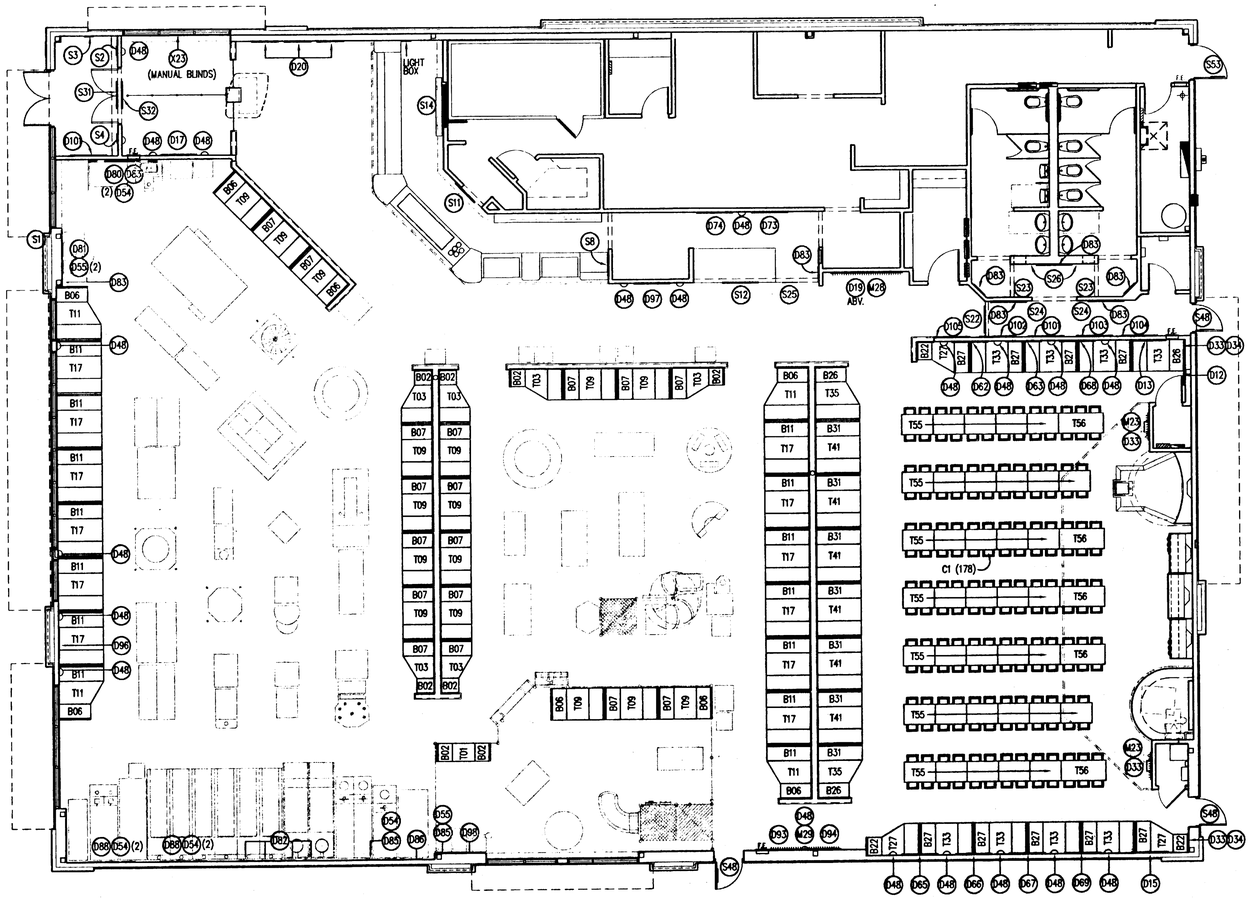
FURNITURE SCHEDULE

ITEM	DESCRIPTION	QUANTITY	MANUFACTURER/MODEL	COMMENTS	FURNISH	INSTALL
CHAIRS						
C1	CHAIRS	178	MTS		O	G
C4	EMPLOYEE STOOLS	3	MODERN LEATHERETTE MDLP		O	G
BOOTHS						
B02	24" SINGLE BOOTH - KIDDIE/SKILLS	8	MIDWEST - CUSTOM (LP)		O	G
B06	42" SINGLE BOOTH - KIDDIE/SKILLS	8	MIDWEST - CUSTOM (LP)		O	G
B07	42" DOUBLE BOOTH - KIDDIE/SKILLS	17	MIDWEST - CUSTOM (LP)		O	G
B11	60" DOUBLE BOOTH - KIDDIE/SKILLS	14	MIDWEST - CUSTOM (LP)		O	G
B22	24" SINGLE BOOTH - SHOWROOM	3	MIDWEST - CUSTOM (UPHOLSTERED)		O	G
B26	42" SINGLE BOOTH - SHOWROOM	3	MIDWEST - CUSTOM (UPHOLSTERED)		O	G
B27	42" DOUBLE BOOTH - SHOWROOM	9	MIDWEST - CUSTOM (UPHOLSTERED)		O	G
B31	60" DOUBLE BOOTH - SHOWROOM	7	MIDWEST - CUSTOM (UPHOLSTERED)		O	G
TABLETOPS						
T01	24" X 30" BOOTH TABLE TOP - KIDDIE/SKILLS	1	MIDWEST CUSTOM W/ BACKSPLASH	STANDARD TOP USES 22" X 22" SINGLE BASE	O	G
T03	24" X 30" TRANSITION BOOTH TABLE TOP - KIDDIE/SKILLS	6	MIDWEST CUSTOM W/ BACKSPLASH	ANGULAR TRANSITION TO 42" (SEE PLAN FOR LEFT OR RIGHT ANGLE)	O	G
T09	42" X 30" BOOTH TABLE TOP - KIDDIE/SKILLS	16	MIDWEST CUSTOM W/ BACKSPLASH	STANDARD TOP USES 22" X 30" SINGLE BASE	O	G
T11	42" X 30" TRANSITION BOOTH TABLE TOP - KIDDIE/SKILLS	4	MIDWEST CUSTOM W/ BACKSPLASH	ANGULAR TRANSITION TO 48" (SEE PLAN FOR LEFT OR RIGHT ANGLE)	O	G
T17	60" X 30" BOOTH TABLE TOP - KIDDIE/SKILLS	12	MIDWEST CUSTOM W/ BACKSPLASH	STANDARD TOP USES 22" X 30" SINGLE BASE	O	G
T27	24" X 30" TRANSITION BOOTH TABLE TOP - SHOW ROOM	3	MIDWEST CUSTOM W/ BACKSPLASH	ANGULAR TRANSITION TO 48" (SEE PLAN FOR LEFT OR RIGHT ANGLE)	O	G
T33	42" X 30" BOOTH TABLE TOP - SHOW ROOM	8	MIDWEST CUSTOM W/ BACKSPLASH	STANDARD TOP USES 22" X 30" SINGLE BASE	O	G
T35	42" X 30" TRANSITION BOOTH TABLE TOP SHOW ROOM	2	MIDWEST CUSTOM W/ BACKSPLASH	ANGULAR TRANSITION TO 60" (SEE PLAN FOR LEFT OR RIGHT ANGLE)	O	G
T41	60" X 30" BOOTH TABLE TOP - SHOW ROOM	6	MIDWEST CUSTOM W/ BACKSPLASH	STANDARD TOP USES 22" X 30" SINGLE BASE	O	G
T55	27" X 42" FREE STANDING TABLE TOP - SHOW ROOM	37	MIDWEST CUSTOM	STANDARD WIDTH USES 22" X 30" SINGLE BASE	O	G
T56	27" X 60" FREE STANDING TABLE TOP - SHOW ROOM	5	MIDWEST CUSTOM	STANDARD WIDTH USES 5" X 22" DOUBLE BASE	O	G

SEATING CALCULATIONS		
SHOWROOM		265
KIDDIE		96
SKILLS		80
TOTAL		441 SEATS

DECORATION SCHEDULE			LOCATION:					DATE:
Item #	# Req.	Description	Vendor	Exists Leave In Place	Exists Remove Hold For Reinstall	Exists Remove Hold For Pickup	New Item	Remarks
D12	1	Showroom Picture (Game Show)	SPT/BWC				X	
D13	1	Showroom Picture (Drive In)	SPT/BWC				X	
D15	1	Showroom Picture (TV Studio)	SPT/BWC				X	
D17	1	Showroom Picture (Sepia Tone)	SPT/BWC				X	
D19	1	Quad-Warhol	SPT/BWC				X	
D20	1	Tri-Warhol	SPT/BWC				X	
D27	30	Colored Sleeve Units	SPT/Ariz Davies				X	
D33	4	Film Reel Planters	Leslie Davies				X	
D34	2	Horizontal Film Strip	Leslie Davies				X	
D48	34	Silk Plant (Terra Cotta Wall Sconce)	La Mour				X	
D54	12	Star (6")	SPT/Corman				X	
D55	8	Star (12")	SPT/Corman				X	
D57		Star (24")	SPT/Corman					
D61	7	Must C TV Frame w/light	SPT/Corman				X	
D62	1	Must C TV Awards (Chuckfeld)	SPT/Corman				X	
D63	1	Must C TV Awards (Errrr)	SPT/Corman				X	
D65	1	Must C TV Awards (C Files)	SPT/Corman				X	
D66	1	Must C TV Awards (Chuck Trek)	SPT/Corman				X	
D67	1	Must C TV Awards (CWO)	SPT/Corman				X	
D68	1	Must C TV Awards (CTV)	SPT/Corman				X	
D69	1	Must C TV Awards (Friends)	SPT/Corman				X	
D73	1	New (Italy) Postcard	SPT/Corman				X	
D74	1	New (Wild West) Postcard	SPT/Corman				X	
D80	1	Hockey Stick and Puck	Leslie Davies				X	
D81	1	Large Bat and Ball	Leslie Davies				X	
D82	1	Foam Sports Ball College	Leslie Davies				X	
D83	8	Large Magazine Cover	Leslie Davies				X	
D84	2	Small Magazine Cover	Leslie Davies				X	
D85	2	Large Crayon	Leslie Davies				X	
D86	1	Small Colored Pencil	Leslie Davies				X	
D87		Large Ruler	Leslie Davies					
D88	2	Large pencil	Leslie Davies				X	
D93	1	Men in Black	SPT/Corman				X	
D94	1	Super Heroes	SPT/Corman				X	
D96	1	Ice Hockey	SPT/Corman				X	
D97	1	Soccer	SPT/Corman				X	
D98	1	Toddler Group Picture	SPT/Corman				X	
D101	2	New Chuck Portrait	SPT/Corman				X	
D102	1	New Helen Portrait	SPT/Corman				X	
D103	1	New Munch Portrait	SPT/Corman				X	
D104	1	New Pasqually Portrait	SPT/Corman				X	
D105	1	New Jasper	SPT/Corman				X	
NOTE: ALL DECORATIONS, NEW AND USED, ARE INSTALLED BY DECOR INSTALLER. DECOR INSTALLER IS ALSO RESPONSIBLE FOR REMOVAL OF ANY UNUSED OR ELIMINATED ITEMS.								

SIGNAGE SCHEDULE			LOCATION:					DATE:
Item #	# Req.	Description	Vendor	Exists Leave In Place	Exists Remove Hold For Reinstall	Exists Remove Hold For Pickup	New Item	Remarks
S1	1	Entrance Sign (Hours of Operation)	Ajax				X	
S3	1	Entrance Sign (Point of Difference)	Ajax				X	
S5	1	Enter and Exit Logo Decals	Ajax				X	
S7								
S8	1	Gifts and Prizes (Standard)	Progressive				X	
S11	1	Salad Bar	Progressive				X	
S12	1	Beverages (Standard)	Progressive				X	
S14	1	Pizza Circles	Progressive				X	
S15	3	Wet Floor Sign	Progressive				X	
S22	2	Restroom Directional	Progressive				X	
S23	1	Restroom Marquees (Men & Women)	Progressive				X	
S24	1	Restroom Ovals (Chuck & Helen)	Progressive				X	
S25	1	Kitchen Directional	SPT/Progressive				X	
S26	1	ADA Signs (Plastic)	SPT/E. Don				X	
S27								
S29	1	Logo (26" Round)	Progressive				X	
S31	1	Logo (26" Thumbchuck)	Progressive				X	
S32	1	Logo (38" Thumbchuck)	Progressive				X	
S48	3	Exit Only Sign	Ajax				X	
S49	1	Occupancy Sign (Total)	Ajax				X	
S50								
S51	1	Menu Board	SPT/Howard				X	
S56	1	Notice Sign: Tokens	Ajax				X	
NOTE: ALL SIGNAGE NEW OR USED, IS INSTALLED BY DECOR INSTALLER. DECOR INSTALLER IS ALSO RESPONSIBLE FOR REMOVAL OF ANY UNUSED OR ELIMINATED ITEMS.								



01 DECOR,GAMES, & FURNITURE PLAN
SCALE: 1/8" = 1'-0"

CITY OF GRAPEVINE
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GRAPEVINE MILLS MALL
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4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

DECOR, GAMES AND FURNITURE PLAN

REGISTERED ARCHITECT
C.T. CHANG
22729
STATE OF TEXAS

Date
11/21/2001

Revisions

Project Number
SB-854

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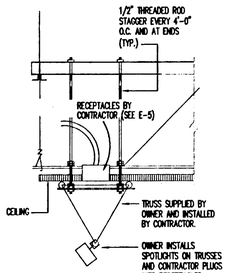
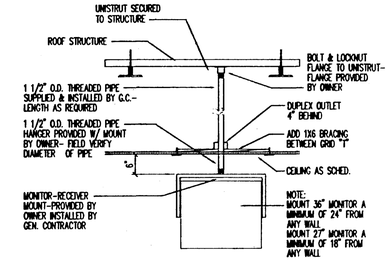
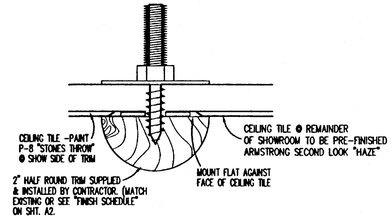
of 17



06 SHOWROOM LIGHT TRUSS
NOT TO SCALE



07 MONITOR MOUNT DETAIL
NOT TO SCALE



08 TRIM DETAIL
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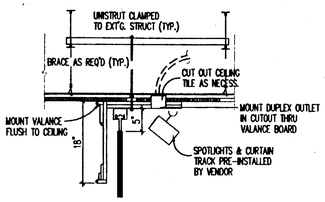
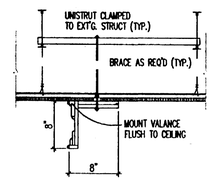
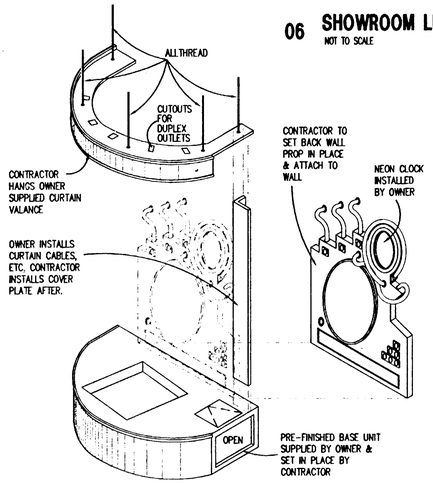


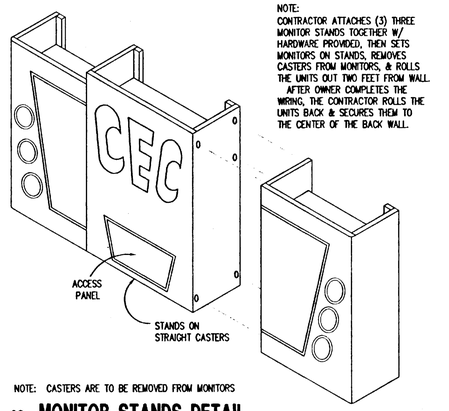
09 DETAIL @ CURTAIN VALANCE
NOT TO SCALE



10 DETAIL @ FALSE VALANCE
NOT TO SCALE



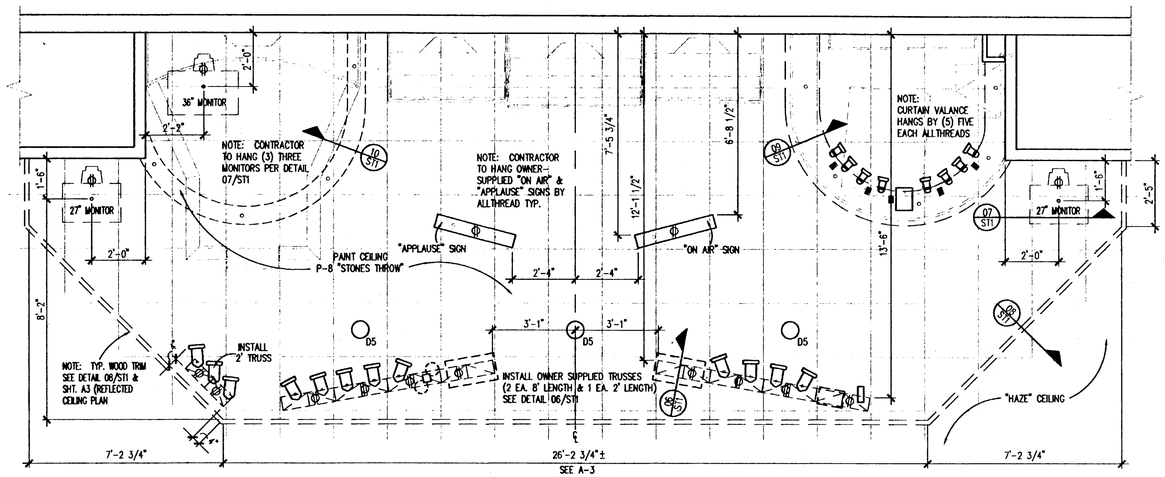
11 ANIMATION STAND DETAIL
NOT TO SCALE



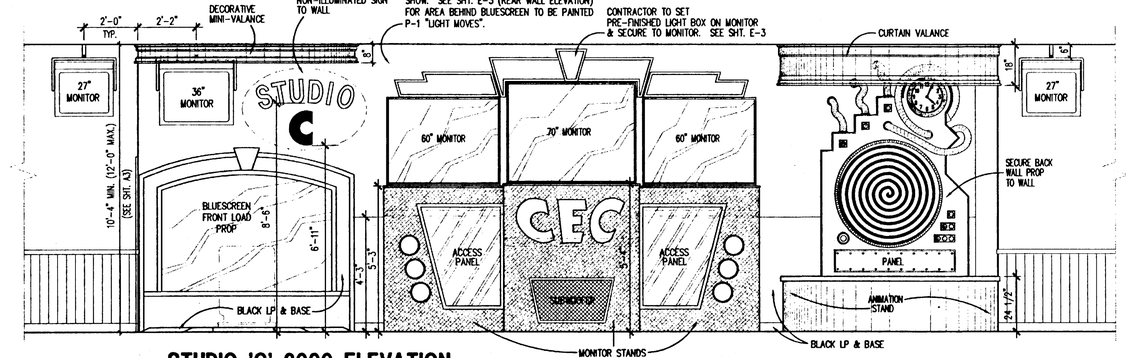
NOTE: CASTERS ARE TO BE REMOVED FROM MONITORS

12 MONITOR STANDS DETAIL
NOT TO SCALE

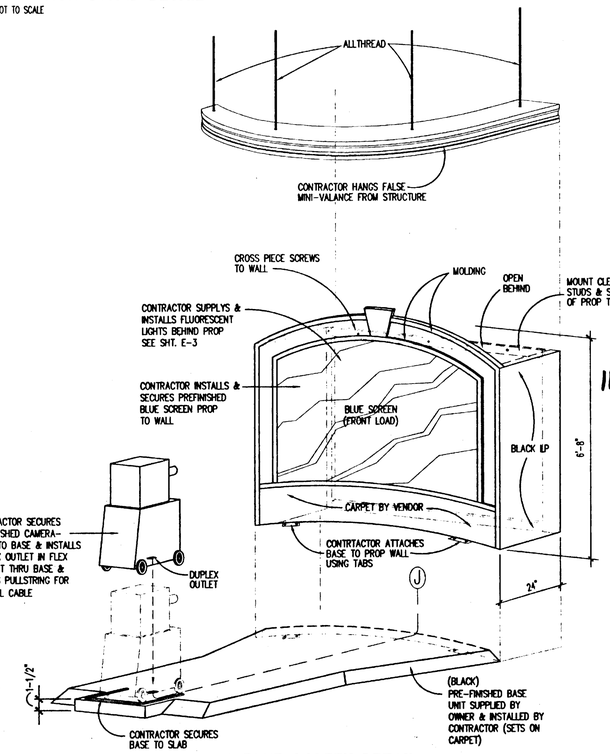
NOTE:
CONTRACTOR ATTACHES (3) THREE MONITOR STANDS TOGETHER W/ HARDWARE PROVIDED, THEN SETS MONITORS ON STANDS, REMOVES CASTERS FROM MONITORS, & ROLLS THE UNITS OUT TWO FEET FROM WALL. AFTER OWNER COMPLETES THE WIRING, THE CONTRACTOR ROLLS THE UNITS BACK & SECURES THEM TO THE CENTER OF THE BACK WALL.



04 REFLECTED CEILING PLAN
SCALE: 3/8" = 1'-0"



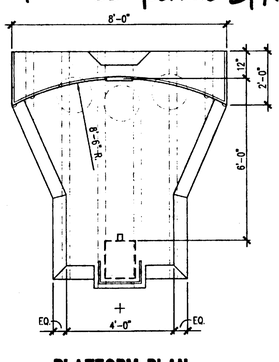
02 STUDIO 'C' 2000 ELEVATION
SCALE: 3/8" = 1'-0"



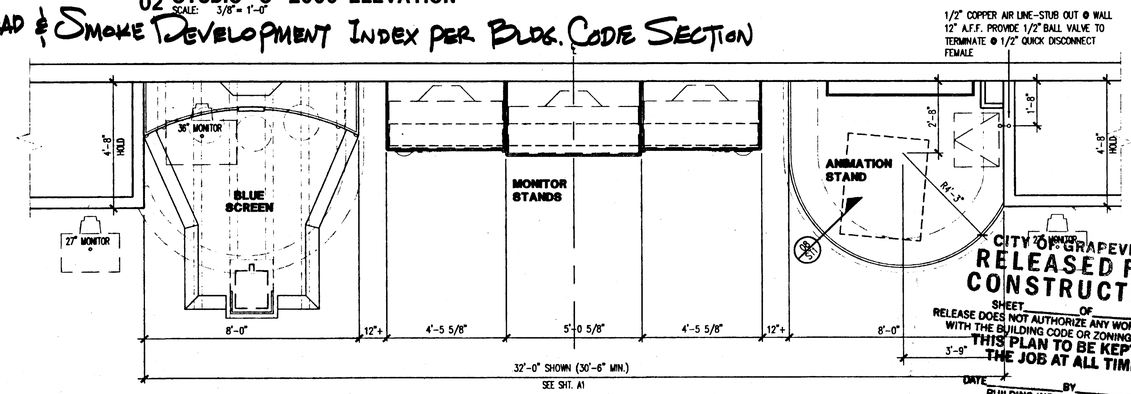
13 BLUE SCREEN DETAIL
NOT TO SCALE

03 LEFT SIDE WALL
SCALE: 1/2" = 1'-0"

INTERIOR FINISHES FLAME SPREAD & SMOKE DEVELOPMENT INDEX PER BLDG. CODE SECTION



14 PLATFORM PLAN
NOT TO SCALE



01 STUDIO 'C' 2000 FLOOR PLAN
SCALE: 3/8" = 1'-0"

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GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

STUDIO 'C'

REGISTERED ARCHITECT C. T. CHANG 20262 STATE OF TEXAS

Date
11/19/2001

Revisions

Project Number
SB-854

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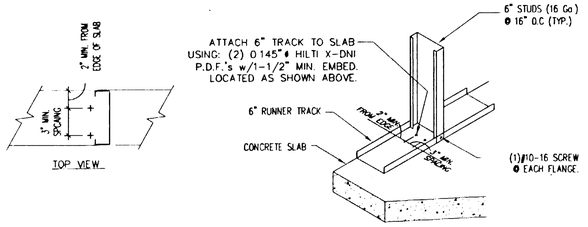
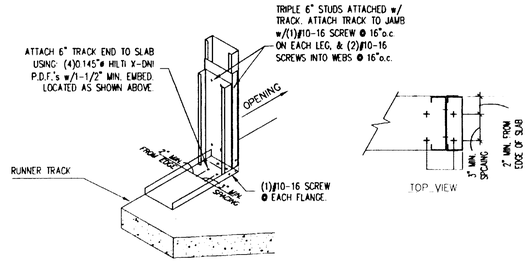
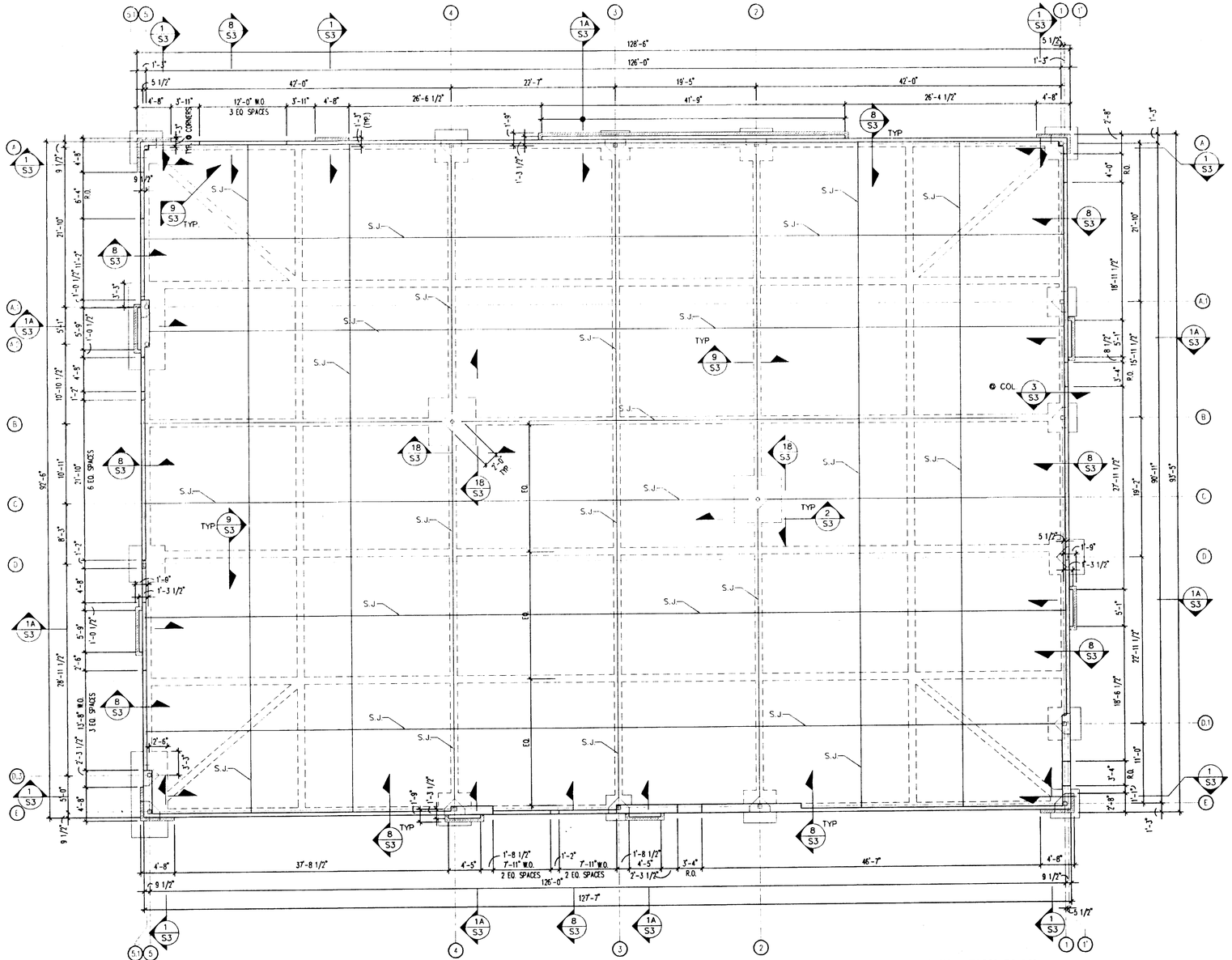
ST1
of 1



2 TYP. STUD WALL ANCHARAGE DETAIL



3 TYP. WINDOW/DOOR JAMB & @ WALL CORNERS ANCHARAGE DETAIL



1 FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

COLUMN & FOOTING SCHEDULE

COL. NO.	COLUMN SIZE	BASE PLATE	ANCHOR BOLTS (ASTM A36 MATERIAL)	FOOTING SIZE	FOOTING REINFORCEMENT
A/1, A/5	TS 5 x 5 x 5/16	BASE PL TYPE-B	4-3/4" DIA.x1'-4" LG.	4'-0" x 4'-0" x 1'-0"	4 - #5 EACH WAY (BOTT)
A/2, A/4	TS 6 x 6 x 1/4	BASE PL TYPE-B	4-3/4" DIA.x1'-4" LG.	4'-6" x 4'-6" x 1'-0"	5 - #5 EACH WAY (BOTT)
A/3	TS 5 x 5 x 1/4	BASE PL TYPE-B	4-3/4" DIA.x1'-4" LG.	4'-0" x 4'-0" x 1'-0"	4 - #5 EACH WAY (BOTT)
A.1/5	TS 5 x 5 x 5/16	BASE PL TYPE-A	4-3/4" DIA.x1'-4" LG.	5'-0" x 11'-0" x 1'-0" COMBINED FOOTING	#5 @ 12" O.C EACH WAY TOP & BOTTOM BARS (TYP)
A.2/5	TS 5 x 5 x 5/16	BASE PL TYPE-A	4-3/4" DIA.x1'-4" LG.		
A.1/1, B/1	TS 5 x 5 x 5/16	BASE PL TYPE-A	4-3/4" DIA.x1'-4" LG.	4'-6" x 4'-6" x 1'-0"	5 - #5 EACH WAY (BOTT)
B/4	6" DIA. EXTRA STRONG	BASE PL TYPE-B	4-1" DIA. x 1'-4" LG.	6'-0" x 6'-0" x 1'-4"	7 - #5 EACH WAY (BOTT)
C/2	6" DIA. EXTRA STRONG	BASE PL TYPE-B	4-1" DIA. x 1'-4" LG.	6'-0" x 6'-0" x 1'-4"	7 - #5 EACH WAY (BOTT)
D/5.1, D/1'	TS 10 x 4 x 3/8	BASE PL TYPE-C	4-3/4" DIA.x1'-4" LG.	4'-6" x 4'-6" x 1'-0"	5 - #5 EACH WAY (BOTT)
D.1/1	TS 5 x 5 x 5/16	BASE PL TYPE-A	4-3/4" DIA.x1'-4" LG.	4'-6" x 4'-6" x 1'-0"	5 - #5 EACH WAY (BOTT)
E/1	TS 5 x 5 x 5/16	BASE PL TYPE-A	4-3/4" DIA.x1'-4" LG.	4'-0" x 4'-0" x 1'-0"	4 - #5 EACH WAY (BOTT)
D.3/5	TS 5 x 5 x 1/4	BASE PL TYPE-A	4-3/4" DIA.x1'-4" LG.	5'-0" x 11'-0" x 1'-0" COMBINED FOOTING	#5 @ 12" O.C EACH WAY TOP & BOTTOM BARS (TYP)
E/5	TS 5 x 5 x 5/16	BASE PL TYPE-B	4-3/4" DIA.x1'-4" LG.		
E/2, E/4	TS 6 x 6 x 1/4	BASE PL TYPE-B	4-3/4" DIA.x1'-4" LG.	4'-6" x 4'-6" x 1'-0"	5 - #5 EACH WAY (BOTT)
E/3	TS 5 x 5 x 1/4	BASE PL TYPE-A	4-3/4" DIA.x1'-4" LG.	4'-0" x 4'-0" x 1'-0"	4 - #5 EACH WAY (BOTT)

NOTES:

1. FOR GENERAL NOTES & DETAILS SEE DWG. S5
2. PROVIDE 5" CONCRETE SLAB WITH #3 @ 16" O.C. EACH WAY. TOP OF SLAB ELEVATION IS REFERENCE EL. 0'-0" ON COMPACTED SELECT FILL, SEE SOIL REPORT. FOR NOTES SEE DWG. S5.
3. PROVIDE CONSTRUCTION JOINTS SHOWN AS C.J. ON PLAN AND SAW CUT JOINTS SHOWN AS S.J. ON PLAN. SEE DETAILS ON DWG. S3
4. IT IS GENERAL CONTRACTOR'S RESPONSIBILITY THAT THE SOIL BEARING STRATA FOR ALL THE FOOTINGS SHOULD BE CHECKED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTION OF FOOTINGS. SPREAD FOOTINGS FOR COLUMNS AND GRADE BEAMS ARE DESIGNED FOR A MINIMUM NET ALLOWABLE SOIL BEARING PRESSURE OF 3,000 PSF. GRADE BEAMS, FOOTINGS AND FLOOR SLAB ARE POURED MONOTHICALLY.

SPECIAL INSPECTIONS REQUIRED PER SEC. 305, 1991 UNIFORM BUILDING CODE FOR: CONCRETE, RE-BAR, CAST CONC. PIERS, STRUCTURAL WELDS, HIGH-STRENGTH BOLTS, STRUCTURAL MASONRY AND STRUCTURAL WELDING. PERIODIC INSPECTIONS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL. A FINAL SIGNED REPORT SHALL BE SUBMITTED, STATING THAT ALL WORK REQUIRING SPECIAL INSPECTIONS COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS. THE SPECIAL INSPECTOR SHALL BE APPROVED BY THE BLDG. OFFICIAL

CONTRACTOR SHALL CALL FOR INSPECTIONS.

CONTRACTOR REGISTRATION WILL BE REVOKED UPON PERMIT EXPIRATION

INTEC SERVICES INC.
CONSULTING ENGINEERS & PLANNERS
3113 S. UNIVERSITY DR. SUITE 300
FORT WORTH, TX 76109
TELEPHONE: (817) 927-3048 * FAX: (817) 927-3

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET ____ OF ____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE ____ BY ____
BUILDING INSPECTION DIVISION
RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY
ALL CHANGES MUST BE APPROVED

THESE DOCUMENTS FOR ANY PURPOSE OTHER THAN CONSTRUCTION OF THIS PROJECT WITHOUT EXPRESSED WRITTEN PERMISSION OF THE ARCHITECT AND CEC ENTERTAINMENT, INC. IS PROHIBITED.
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ARCHITECTURE - PLANNING - DESIGN
C.T. CHANG & ASSOC. INC.
1010 W. EULESS BLVD. SUITE 110
EULESS, TX 76040
817 354-6010

C.E.C. #854

GRAPEVINE, TX

CHUCK E. CHEESE'S PIZZA.
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

FOUNDATION PLAN

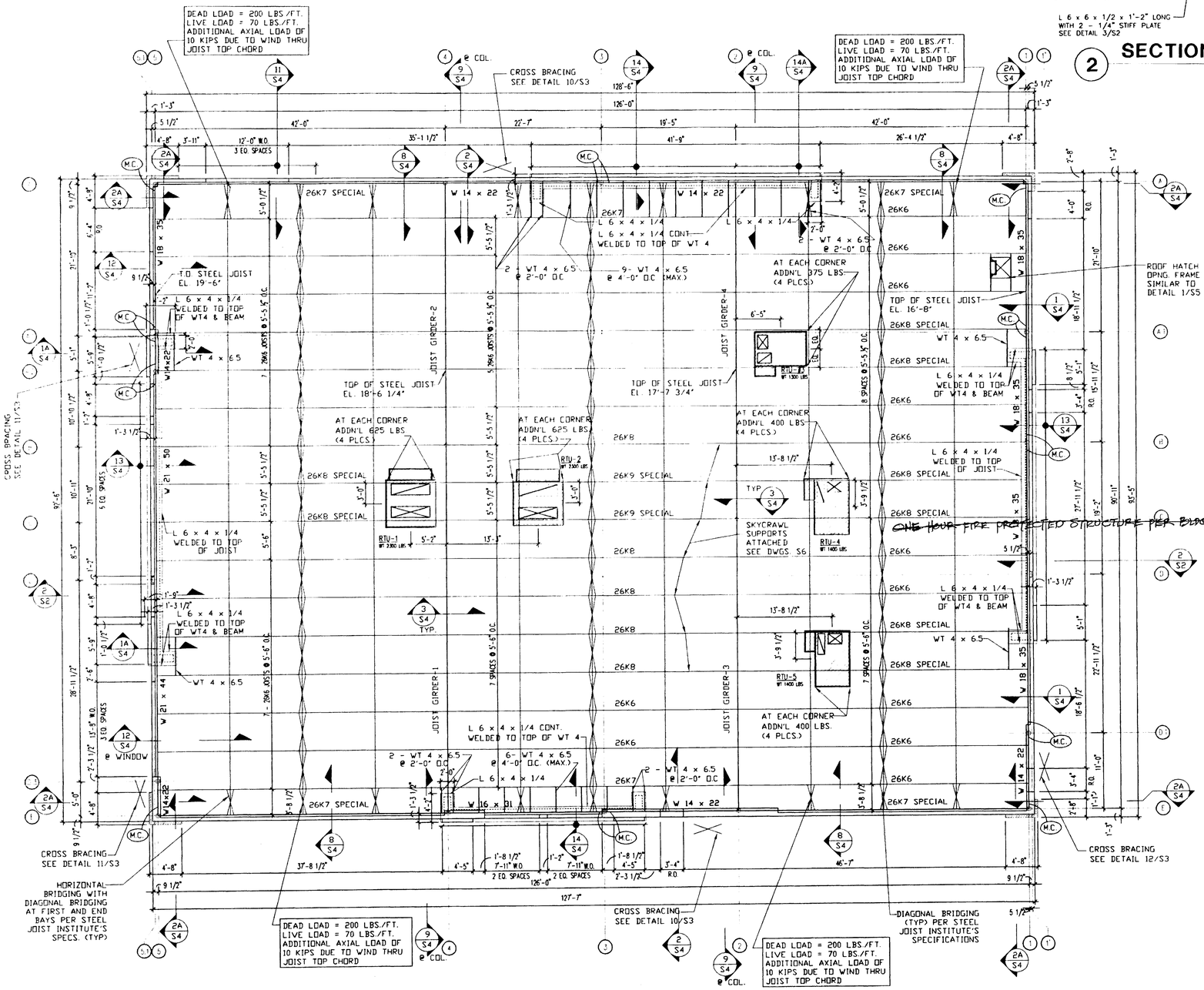
STATE OF TEXAS
MOWLESHWAR RAMARAPU
78472
REGISTERED PROFESSIONAL ENGINEER
11/21/01

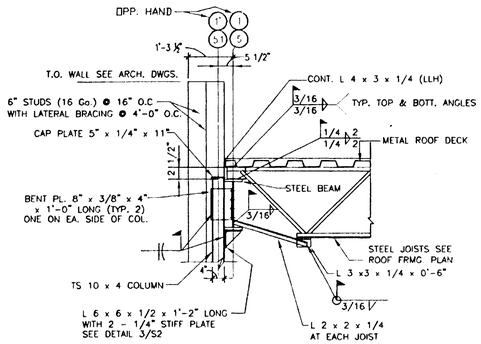
Date
11/21/01

Revisions

Project Number
00-085

Sheet Number
S1
01 7





2 SECTION

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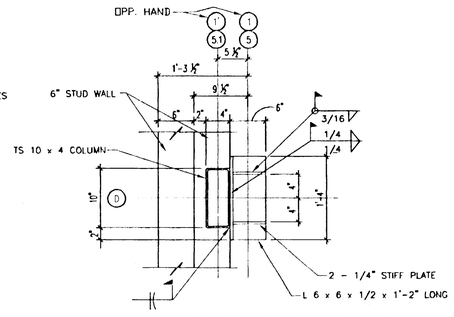
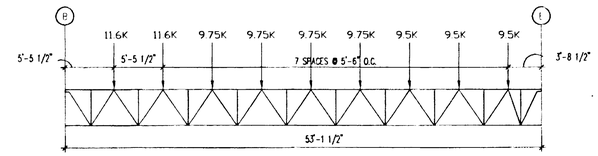


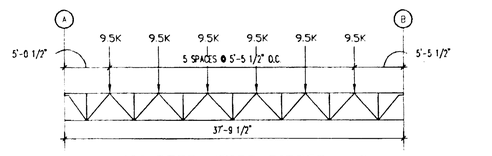
BEAMS NOT SHOWN FOR CLARITY

3 DETAIL AT SEAT ANGLE

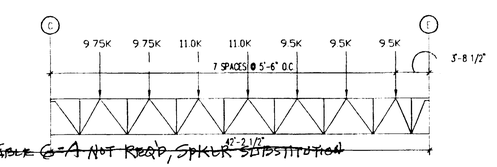
SCALE: 1" = 1'-0"



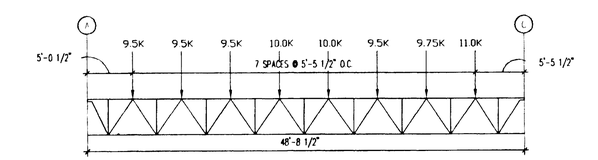
48" DEEP JOIST GIRDER - 1



40" DEEP JOIST GIRDER - 2



48" DEEP JOIST GIRDER - 3



48" DEEP JOIST GIRDER - 4

NOTES:

1. FOR GENERAL NOTES & DETAILS SEE DWG. S5.
2. FOR MECHANICAL EQUIPMENT AND ROOF VENT OPENING SIZES SEE MECHANICAL DWG. FOR FRAMING SEE DETAIL 1/S5. IF ROOF TOP UNIT WEIGHT OR LOCATION REVISED OR DIFFERENT FROM THE UNITS SHOWN ON THE PLAN, NOTIFY STRUCTURAL ENGINEER FOR POSSIBLE ROOF JOISTS & BEAM REDESIGN. IT IS CONTRACTOR'S RESPONSIBILITY TO CHECK THE ROOF TOP UNIT IS WITHIN THE JOIST'S SPACING AND THE WEIGHT OF RTU IS EQUALLY ON THE TWO JOISTS AS SHOWN ON THE ROOF FRAMING PLAN. PRIOR CONSTRUCTION OF JOISTS AND ROOF METAL DECK.
3. PROVIDE MOMENT CONNECTION DETAILS AT BEAM/COLUMN LOCATION MARKED AS (M.C.) SEE SECTIONS 6 & 7 / S4
4. DESIGN SPECIAL JOISTS FOR ADDITIONAL LOADS AS SHOWN ON PLAN.

~~ONE HOUR FIRE PROTECTED STRUCTURE PER BLDG. CODE TABLE 6-A NOT REQ'D, SPRKLR SUBSTITUTION~~

SPECIAL INSPECTIONS REQUIRED PER SEC. 305, 1991 UNIFORM BUILDING CODE FOR: _____ AND _____

PERIODIC INSPECTIONS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL. A FINAL SIGNED REPORT SHALL BE SUBMITTED, STATING THAT ALL WORK REQUIRING SPECIAL INSPECTIONS COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS. THE SPECIAL INSPECTOR SHALL BE APPROVED BY THE BLDG. OFFICIAL.

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET _____ OF _____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE. THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE _____ BY _____
BUILDING INSPECTION DIVISION
RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY. ALL CHANGES MUST BE APPROVED.

INTEC SERVICES INC.
CONSULTING ENGINEERS & PLANNERS
3113 S. UNIVERSITY DR. SUITE 301
FORT WORTH, TX 76109
TELEPHONE: (817) 927-3048 * FAX: (817) 927-3048

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INTEC PROJ FILE NO: 2103252 DATE: 11/21/01

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ARCHITECTURE - PLANNING - DESIGN
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EULESS, TX 76040 817 354-6010

CHUCK E. CHEESE'S PIZZA.
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX
#854

ROOF FRAMING PLAN

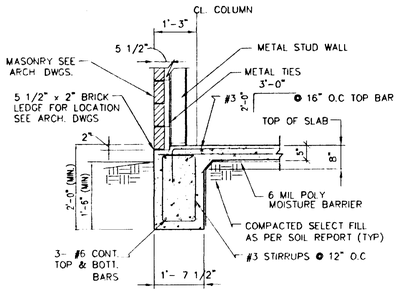
MOWLESHWAR RAMARAPU
78472
REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS
11/21/01

Date 11/21/01

Revisions

Project Number SB-854

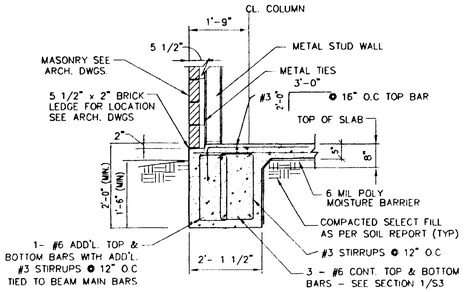
Sheet Number S2 of 7



TYPICAL EXTERIOR GRADE BEAM/WALL WITH BRICK LEDGE @ PILASTERS

1 SECTION

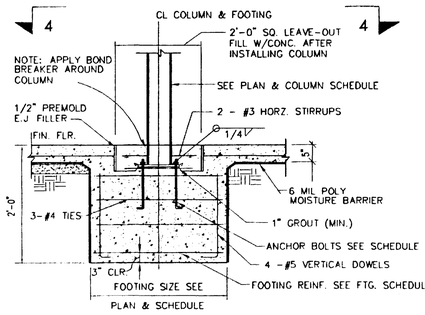
SCALE: 1/2" = 1'-0"



TYPICAL EXTERIOR GRADE BEAM/WALL WITH BRICK LEDGE AT ARCH END WALLS

1A SECTION

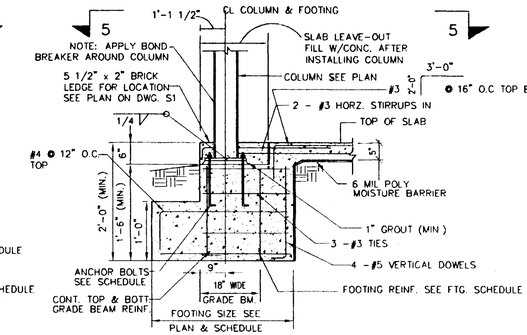
SCALE: NTS



TYPICAL INTERIOR COLUMN FOOTING

2 SECTION

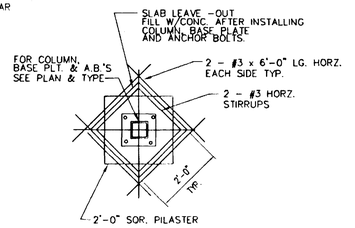
SCALE: 1/2" = 1'-0"



TYPICAL EXTERIOR COLUMN FOOTING

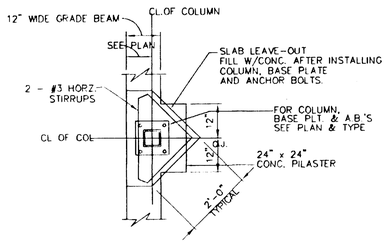
3 SECTION

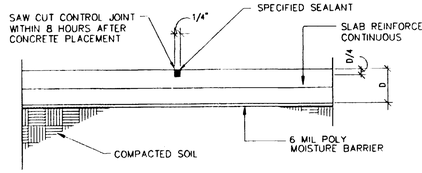
SCALE: 1/2" = 1'-0"



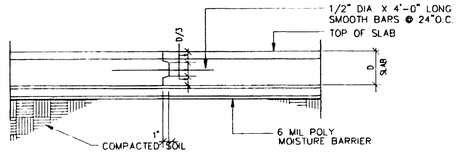
4 PLAN

SCALE: 1/2" = 1'-0"



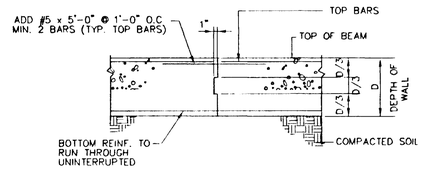


CONC. SLAB SAW JOINT DETAIL (S.J.)

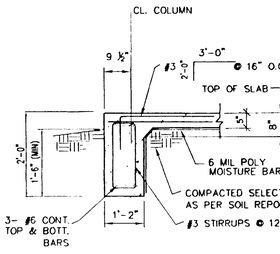


CONC. SLAB CONST. JOINT DETAIL (C.J.)

FOR LOCATION OF JOINTS, SEE PLAN, CONTRACTOR MAY USE CONTROL OR CONSTRUCTION JOINTS, EXCEPT WHERE SPECIFICALLY INDICATED ON THE DRAWINGS

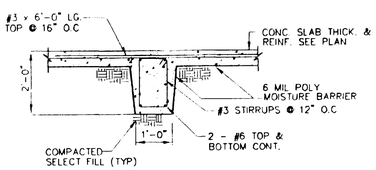


TYP. BEAM CONSTRUCTION JOINT DETAIL



5 PLAN

SCALE: 1/2" = 1'-0"



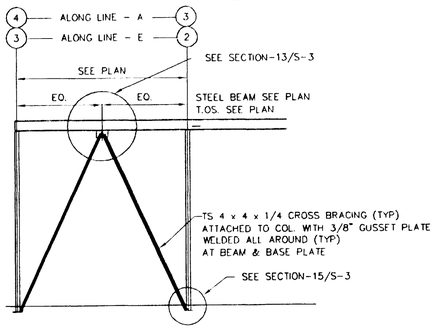
TYPICAL INTERIOR GRADE BEAM DETAIL

9 SECTION

SCALE: NTS

6 CONCRETE JOINT DETAILS

SCALE: 1/2" = 1'-0"



10 TYPICAL CROSS-BRACING DETAIL TYPE - 1

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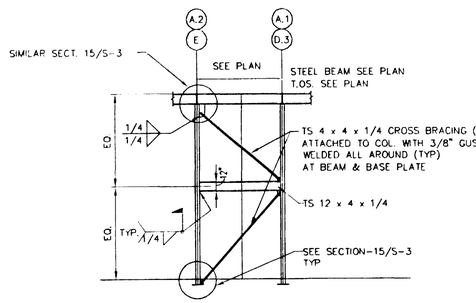

11 TYPICAL CROSS-BRACING DETAIL TYPE - 2

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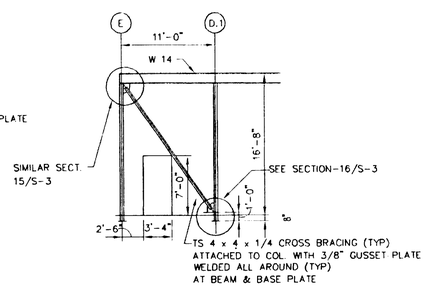
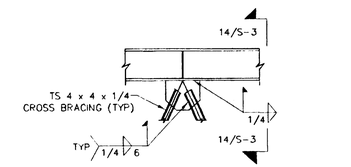


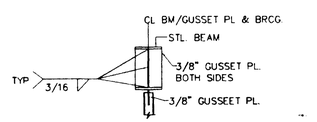
12 TYPICAL CROSS-BRACING DETAIL TYPE - 3

SCALE: 1/8" = 1'-0"



13 SECTION

SCALE: 1/2" = 1'-0"



14 SECTION

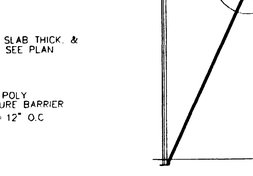
SPECIAL INSPECTIONS REQUIRED PER SEC. 306, 1991 UNIFORM BUILDING CODE FOR:

AND

PERIODIC INSPECTIONS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL. A FINAL SIGNED REPORT SHALL BE SUBMITTED, STATING THAT ALL WORK REQUIRING SPECIAL INSPECTIONS COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS. THE SPECIAL INSPECTOR SHALL BE APPROVED BY THE BLDG. OFFICIAL.

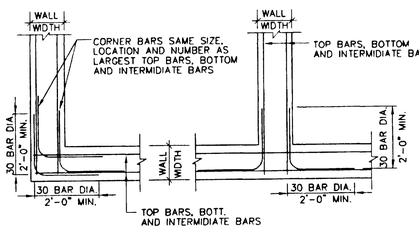
15 SECTION

SCALE: 1/2" = 1'-0"



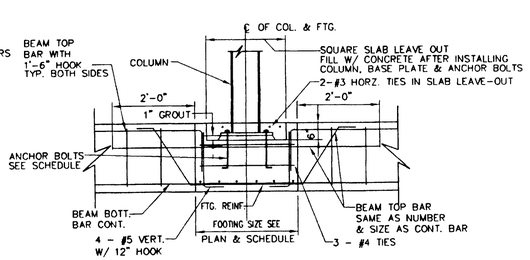
16 SECTION

SCALE: 1/2" = 1'-0"



17 TYP. BEAM INTERSECTION DTL.

SCALE: NTS



18 SECTION

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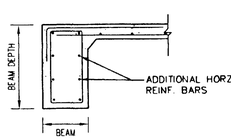

BEAM DEPTH	ADDITIONAL HORIZ. REINF.
25" TO 36"	2 - #4 ONE ON EACH SIDE
37" TO 48"	4 - #4 ONE ON EACH SIDE
49" TO 54"	6 - #4 ONE ON EACH SIDE

19 TYP. ADD'L BEAM REINF. DETAIL

SCALE: NTS

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
BUILDING INSPECTION DIVISION
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE.
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES.

INTEC SERVICES INC.
CONSULTING ENGINEERS & PLANNERS
2301 UNIVERSITY DR. SUITE 301
FORT WORTH, TX 76109
(817) 877-3948 * FAX: (817) 927-3348

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INTEC PROJ FILE NO. 2102853 DATE: 11/21/2001

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ARCHITECTURE - PLANNING - DESIGN
C.T. CHANG & ASSOC. INC.
1010 W. EULESS BLVD., SUITE 110
EULESS, TX 76040 817 354-6010

CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

CONCRETE SECTIONS

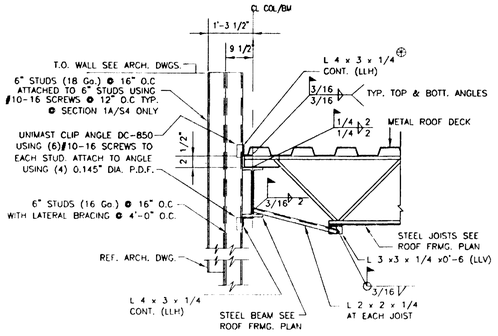
STATE OF TEXAS
MOHESHWAR RAMANAPU
79472
REGISTERED
PROFESSIONAL ENGINEER
11/21/01

Date 11/21/01

Revisions

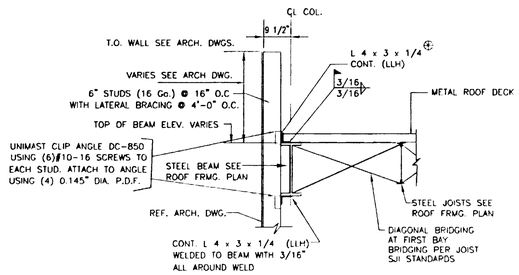
Project Number SB-854

Sheet Number S3 of 7



1 1A SECTION

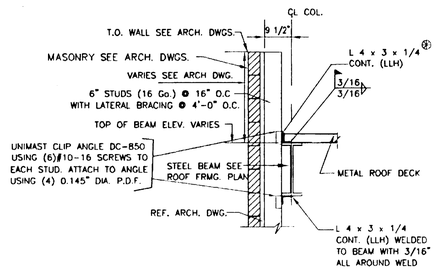
SCALE: 1/2" = 1'-0"



⊕ TRIM HORIZONTAL LEG OF ANGLE L 4x3 AS REQUIRED AT TOP CAP PLATES FOR COLUMNS AND BEAMS IN SECTIONS 6 & 7 /S-4, WELD VERTICAL LEG TO TOP PLATES WITH 3/16 ALL AROUND FILLET WELD

2 SECTION

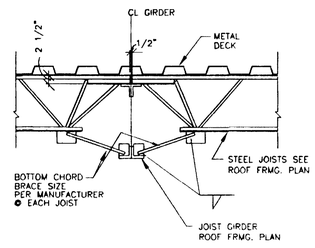
SCALE: 1/2" = 1'-0"



⊕ TRIM HORIZONTAL LEG OF ANGLE L 4x3 AS REQUIRED AT TOP CAP PLATES FOR COLUMNS AND BEAMS IN SECTIONS 6 & 7 /S-4, WELD VERTICAL LEG TO TOP PLATES WITH 3/16 ALL AROUND FILLET WELD.

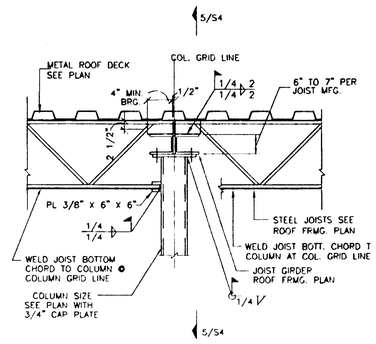
2A SECTION

SCALE: 1/2" = 1'-0"



3 SECTION

SCALE: NTS



4 SECTION

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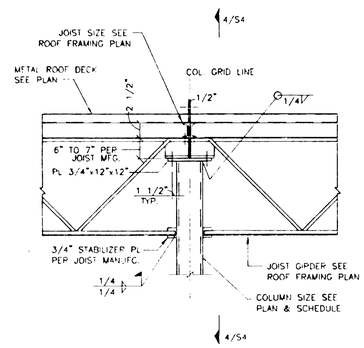
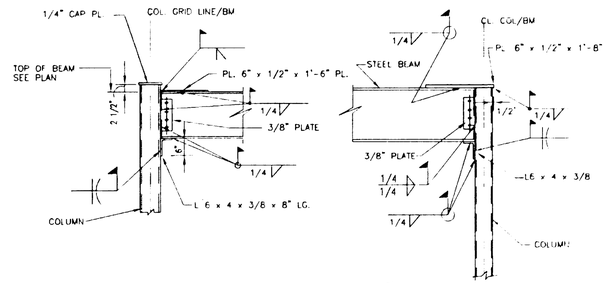


5 SECTION

SCALE: 1/2" = 1'-0"

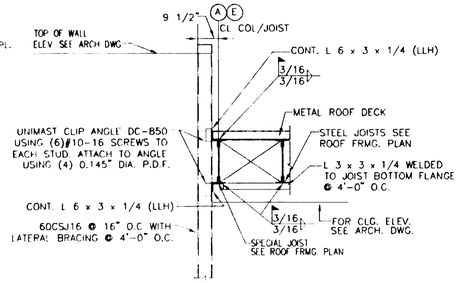


MOMENT CONNECTION DETAILS SHOWN AS (M.C.) ON PLAN

TYP. BM. TO COL. MOMENT CONNECTION DETAILS

6 SECTION

SCALE: 1/2" = 1'-0"



7 SECTION

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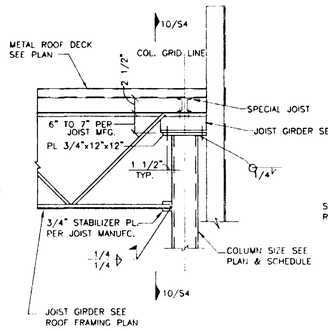
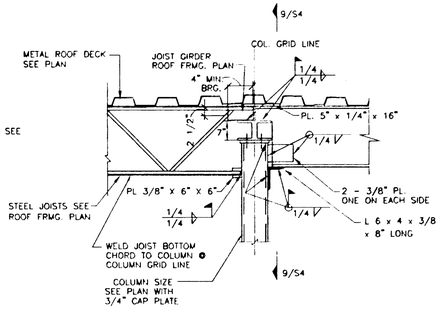


8 SECTION

SCALE: 1/2" = 1'-0"



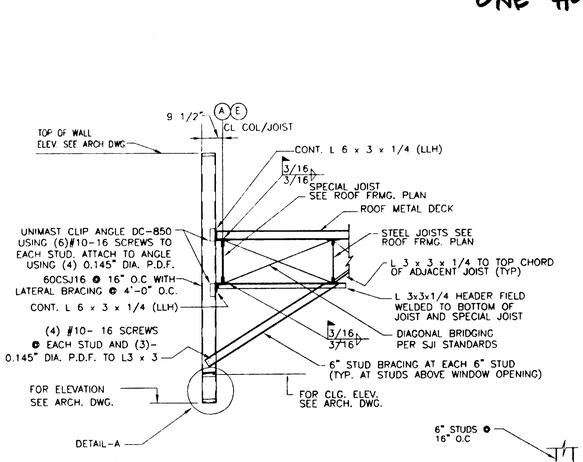
9 SECTION

SCALE: 1/2" = 1'-0"

10 SECTION

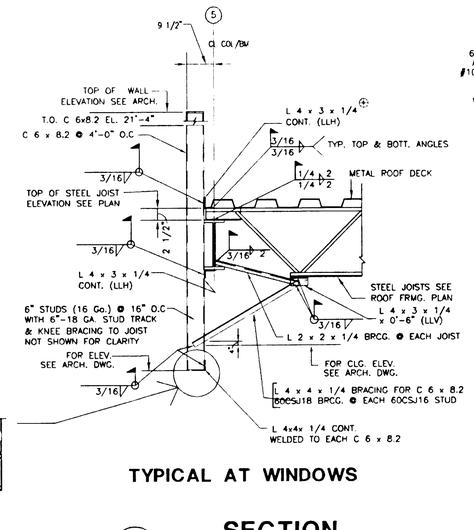
SCALE: 1/2" = 1'-0"

ONE HOUR FIRE PROTECTED STRUCTURE PER BLDG. CODE TABLE 6.A NOT REQ'D, SPKLR SUBSTITUTION

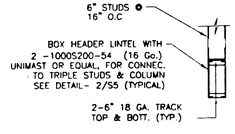


11 SECTION

SCALE: 1/2" = 1'-0"



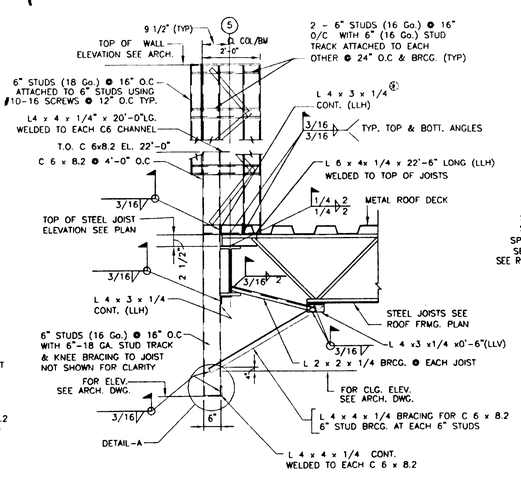
TYPICAL AT WINDOWS



DETAIL-A

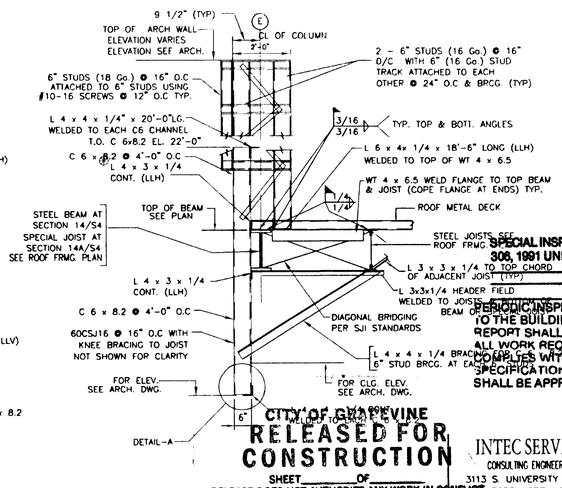
12 SECTION

SCALE: 1/2" = 1'-0"



13 SECTION

SCALE: 1/2" = 1'-0"



14 14A SECTION

SCALE: 1/2" = 1'-0"

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET ____ OF ____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE.
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE ____ BY ____
BUILDING INSPECTION DIVISION
RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY.
ALL CHANGES MUST BE APPROVED.

SPECIAL INSPECTIONS REQUIRED PER SEC. 308, 1991 UNIFORM BUILDING CODE FOR:
AND
PERIODIC INSPECTIONS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL. A FINAL SIGNED REPORT SHALL BE SUBMITTED, STATING THAT ALL WORK REQUIRING SPECIAL INSPECTIONS COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS. THE SPECIAL INSPECTOR SHALL BE APPROVED BY THE BLDG. OFFICIAL.

INTEC SERVICES INC.
CONSULTING ENGINEERS & PLANNERS
3113 S. UNIVERSITY DR. SUITE 301
FORT WORTH, TX 76109
TELEPHONE: (817) 927-3048 • FAX: (817) 927-3348

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INTEC PROJ. FILE NO. 2103254 DATE: 11/21/01

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ARCHITECTURE - PLANNING - DESIGN
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1010 W. EULESS BLVD., SUITE 110
EULESS, TX 76040 817 354-5010

CHUCK E. CHEESE'S PIZZA.
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

#854
GRAPEVINE, TX

SECTIONS

MOHLESHWAR RAMARAPU 78472 REGISTERED PROFESSIONAL ENGINEER STATE OF TEXAS
11/21/01

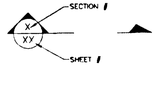
Revisions	Date

Project Number
SB-854

Sheet Number
S4
of 7

ABBREVIATIONS USED ON STRUCTURAL DRAWINGS

ABOVE FINISH FLOOR	A.F.F.
ADDITIONAL	ADDN'L
ADJACENT	ADJ.
ALTERNATE	ALT.
ANCHOR BOLT	A.B.
ANGLE	L
ARCHITECTURAL	ARCH.
AIR CONDITIONER	A/C
BASE PLATE	BP
BEAM	BM
BEARING	BRG.
BETWEEN	BTWN
BOTH WAYS	B.W.
BOTTOM	BOTT.
BOTTOM CHORD EXTENSION	BCX
BRIDGING	BRDG.
BUILDING	BLDG.
CEILING	CLG.
CENTER TO CENTER	C/C
CENTER LINE	℄
CENTERED	CNTRD.
CHANNEL	C
CLEAR	CLR.
COLUMN	COL.
CONCRETE	CONC.
CONCRETE MASONARY UNIT	CMU
CONNECTION (S)	CONN. (S)
CONTINUOUS	CONT.
CONSTRUCTION JOINT	C.J.
COORDINATE	COORD.
DETAIL	DET.
DEAD LOAD	D.L.
DIAGONAL	DIAG.
DIAGONAL BRACING	DIAG. BRCG
DIAMETER	DIA or ⌀
DIMENSION	DIM.
DOWELS	DWLS
EACH	EA.
EACH FACE	E.F.
EACH WAY	E.W.
ELECTRICAL	ELEC'L
ELEVATION	EL.
ELEVATOR	ELEV.
ENGINEER	ENGR
EQUAL (EQUALLY)	EQ.
EXPANSION	EXP.
EXPANSION JOINT	E.J.
EXISTING	EXIST
FACE TO FACE	F/F
FAR SIDE	F.S.
FINISH (ED)	FIN.
FINISHED FLOOR	FIN. FLR.
FIXED CONNECTION	F.C.
FLANGE	FLG.
FLOOR	FLR.
FOOTING	FTG.
FOUNDATION	FDN
GAGE or GAUGE	GA
GALVANIZED	GALV.
HEIGHT	HT.
HIGH POINT	H.P.
HORIZONTAL	HORIZ.
HORIZONTAL LOAD	H.L.
INFORMATION	INFO
INTERIOR	INT.
JOINT	JT.
JOISTS	JST.
KIPS	K.
LARGER THAN OR EQUAL TO	>=
LESS THAN OR EQUAL TO	<=
LIVE LOAD	L.L.
LONGITUDINAL	LONG.
LONG LEG HORIZONTAL	LLH
LONG LEG VERTICAL	LLV
LOW POINT	L.P.
MANUFACTURER	MFR.
MATERIAL	MAT'L.
MAXIMUM	MAX.
MECHANICAL	MECH'L.
MEZZANINE	MEZZ.
MINIMUM	MIN.
MISCELLANEOUS	MISC.
MOMENT CONNECTIONS	M.C.
NOT TO SCALE	NTS
NUMBER	NO.
ON CENTER	O.C.
OPENING	OPNG.
OPPOSITE	OPP.
OPPOSITE HAND	O.H.
OUTSIDE DIAMETER	O.D.
PENETRATION	PEN.
PERPENDICULAR	PERP.
PLATE	⏥
PRECAST CONCRETE	P/C
PROJECTION	PROJ.
RADIUS	RAD.
REFER	REF.
REINFORCING	REINF.
REQUIRED	REQ'D.
ROOF TOP UNIT	RTU
SAW JOINT	S.J.
SCHEDULE	SCHED.
SECTION	SECT.
SIMILAR	SIM.
SLIP CONNECTION	S.C.
SPECIFICATIONS	SPEC.
STANDARD	STD.
STEEL	STL.
STIFFENER	STIFF.
STIRRUPS	STIR.
STRUCTURE	STRUCT.
STRUCTURAL	STRUCTL.
SUPPORT	SUPT.
SYMMETRICAL	SYMM
TOP CHORD EXTENSION	TCX
TEMPERATURE	TEMP.
TOP & BOTTOM	T. & B
TOP OF BEAM	T.O.B.
TOP OF FOOTING	T.O.F.
TOP OF JOIST	T.O.J.
TOP OF METAL DECK	T.M.D.
TOP OF PIER	T.O.P.
TOP OF PIER CAP	T.O.P.C.
TOP OF STRUCTURAL STEEL	T.O.S.S.
TOP OF STRUCTURAL CONCRETE	T.O.S.C.
TOP OF WALL	T.O.W.
TOTAL LOAD	T.L.
TYPICAL	TYP.
UNLESS OTHERWISE NOTED	U.O.N.
VERTICAL	VERT.
WATERSTOP	W.S.
WEIGHT	WT.
WELDED WIRE MESH (FABRIC)	W.W.F.
WIND LOAD	W.L.
WITH	W/
WORK POINT	W.P.
X-BRACING	XB



GENERAL NOTES:

GENERAL CONDITIONS:

1. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND DETAILS BEFORE FABRICATION OR CONSTRUCTION, AND REPORT ANY DISCREPANCIES OR OMISSIONS IN THE CONTRACT DOCUMENTS TO THE STRUCTURAL ENGINEER.

2. THE CONTRACTOR SHALL SUBMIT AND RECEIVE APPROVAL OF THE SHOP DRAWINGS BY THE ENGINEER PRIOR TO FABRICATION.

3. IT IS CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE SPECIFICATIONS, ARCHITECTURAL, MECHANICAL AND CIVIL DRAWINGS. REFER MECHANICAL AND ELECTRICAL DRAWINGS FOR REGLETS, PIPE SLEEVES, CONDUITS OR OTHER ITEMS TO BE EMBEDDED OF PASSED THROUGH THE CONCRETE.

4. THE STRUCTURAL ENGINEER'S REVIEW OF SHOP DRAWINGS AND OTHER SUBMITTALS SHALL NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY FOR DEVIATIONS FROM THE CONTRACT DOCUMENTS, NOR FROM ANY ERRORS IN THE SHOP DRAWINGS.

5. CODE & DESIGN SPECIFICATIONS:
UNIFORM BUILDING CODE 1997 EDITION

DESIGN LOADS: ROOF LIVE LOAD: 20 PSF
WIND: ~~80 MPH~~, EXPOSURE - C NO REDUCTION

BUILDING FOUNDATION DESIGN NOTES:

F1. THE FOUNDATION DESIGN IS BASED ON A SUBSURFACE INVESTIGATION AND GEOTECHNICAL REPORT BY GILES ENGINEERING ASSOC. INC. PROJECT NO. 4G-0107022 DATED AUGUST 9, 2000. THE FOUNDATION DESIGN IS BASED ON A MAXIMUM ALLOWABLE SOIL BEARING PRESSURE OF 3,000 PSF FOR SPREAD FOOTINGS. UNDERLAIN BY AT LEAST 2 FEET OF LOW EXPANSIVE, NON GRANULAR SELECT FILL (4 <= PI <= 15).

PRIOR TO PLACEMENT OF REINFORCING STEEL AND CONCRETE, FOUNDATION EXCAVATIONS OF FOOTINGS, THE BEARING STRATA SHOULD BE CHECKED AND APPROVED BY THE GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF THE BEARING STRATA, THE APPROVAL OF THE SELECT STRUCTURAL FILL AND COMPACTION TEST.

F2. **SITE PREPARATION (BUILDING, FOUNDATION/FLOOR SLAB - ALTERNATE A DESIGN PER SOIL REPORT)**

SITE PREPARATION WILL REQUIRE REMOVAL OF APPROXIMATELY TO 12 INCHES OF MODERATELY ORGANIC TOP SOIL. ACTUAL REMOVAL DEPTHS SHOULD BE DETERMINED BY A GILES ENGINEERING REPRESENTATIVE AT THE TIME OF GRADING BASED ON THE SUBGRADE MATERIALS ORGANIC CONTENT AND STABILITY.

DRY WEATHER: FOLLOWING SITE PREPARATION, IF CONSTRUCTION IS PERFORMED DURING A GENERALLY DRY WEATHER PERIOD, SIGNIFICANT OVEREXCAVATION BELOW THE EXISTING GROUND SURFACE ELEVATION IS NOT EXPECTED TO BE REQUIRED DUE TO UNSTABLE SOIL CONDITIONS. HOWEVER, ADDITIONAL OVEREXCAVATION WILL BE REQUIRED FOR FOUNDATION DUE TO THE EXISTING FILL/POSSIBLE FILL.

WET WEATHER: SHOULD CONSTRUCTION GRADING/EXCAVATION BE PERFORMED DURING A WET WEATHER PERIOD, IN ADDITION TO THE SITE PREPARATION RECOMMENDATIONS REQUIRED FOR DRY WEATHER, REMOVAL OF AN ADDITIONAL 12 TO 16 INCHES OF MOISTURE SENSITIVE, NEAR SURFACE FILL AND/OR POSSIBLE FILL SOILS FROM THROUGHOUT THE BUILDING AND PAVEMENT IS EXPECTED TO BE REQUIRED AND SHOULD BE INCLUDED WITHIN THE PROJECT BUDGET BY THE CLIENT IF WET WEATHER CONSTRUCTION IS PROPOSED. MECHANICAL STABILIZATION THROUGH THE USE OF COARSE AGGREGATE "WORKING MAT", POSSIBLY IN CONJUNCTION WITH A GEOTEXTILE, OR CHEMICAL STABILIZATION THROUGH HYDRATED LIME (DISCUSSED SUBSEQUENTLY WITHIN THE REPORT TEXT) COULD BE CONSIDERED TO ASSIST IN REDUCING THE POTENTIAL FOR OVEREXCAVATION OF WET, UNSTABLE SOILS. IF FOUNDATION ALTERNATE A IS CHOSEN, THIS ADDITIONAL SOIL REMOVAL OR STABILIZATION IS ONLY EXPECTED SHOULD THE EXCAVATION BOTTOM (FOLLOWING THE EXPANSIVE CLAY SOIL REMOVAL DEPTH) BECOME WET/SATURATED DURING WET WEATHER. THIS ADDITIONAL OVEREXCAVATION SHOULD BE CONFIRMED DURING CONTINUOUS MONITORING AND TESTING UNDER THE OBSERVATION OF A QUALIFIED GEOTECHNICAL ENGINEER DURING SITE GRADING ACTIVITIES.

BUILDING PAD PREPARATION: FOR FOUNDATION ALTERNATE A, (AS PER SOIL REPORT) THE EXISTING SOILS THROUGHOUT THE PROPOSED BUILDING AREA AND EXTENDING AT LEAST 5 FEET BEYOND THE EXTERIOR BUILDING PERIMETER ARE RECOMMENDED TO BE REMOVED TO A MINIMUM DEPTH OF 2 FEET BELOW THE PROPOSED FINISHED SUBGRADE ELEVATION AND REPLACED WITH A LOW EXPANSIVE (PI LESS THAN OR EQUAL TO 15), NON-GRANULAR STRUCTURAL FILL IMPORTED TO THE SITE. FOLLOWING THE PROOFROLL PROCEDURES AS DISCUSSED BELOW, THE APPROVED SUBGRADE SHOULD THEN BE SCARIFIED TO A DEPTH OF ABOUT 6 TO 8 INCHES OR AS DETERMINED NECESSARY (BY A GILES ENGINEERING REPRESENTATIVE) IN THE FIELD, MOISTURE CONDITIONED TO ABOUT 2 TO 4 PERCENT ABOVE OPTIMUM MOISTURE CONTENT, AND RECOMPACTED TO THE REQUIRED IN-PLACE DENSITY. EXTREME CARE MUST BE EXERCISED TO PREVENT EXCESSIVE DRYING OF THE EXPANSIVE SOIL SUBGRADE SINCE A SUBSEQUENT INCREASE IN MOISTURE CONTENT CAN CAUSE SWELL.

F3. PROOFROLL AND COMPACT SUBGRADE: FOLLOWING THE RECOMMENDED SITE PREPARATION ACTIVITIES AND PRIOR TO STRUCTURAL BACKFILLING, THE SUBGRADE THROUGHOUT THE BUILDING AND PROPOSED PAVEMENT AREAS SHOULD BE PROOFROLLED WITH A HEAVY RUBBER TIRED CONSTRUCTION VEHICLE IN THE PRESENCE OF AND APPROVED BY A GILES ENGINEERING REPRESENTATIVE TO DETECT ANY SOFT, WET OR UNSTABLE AREAS. ANY UNSUITABLE BEARING SOILS, WHICH ARE ENCOUNTERED, SHOULD BE REMOVED TO A SUITABLE BEARING SUBGRADE. THE EXPOSED SUBGRADE WITHIN THE FOUNDATION INFLUENCE ZONE SHOULD BE EVALUATED PURSUANT TO THE REQUIREMENTS PRESENTED IN SECTION 5.4 OF THIS SOIL REPORT. THE APPROVED SUBGRADE SOILS SHOULD THEN BE SCARIFIED TO A DEPTH OF ABOUT 6 TO 8 INCHES OR AS DETERMINED NECESSARY IN THE FIELD, MOISTURE CONDITIONED TO ABOUT 2 TO 4 PERCENT ABOVE OPTIMUM MOISTURE CONTENT, AND RECOMPACTED TO THE REQUIRED IN PLACE DENSITY. THE EXCAVATION AND ANY LOW AREAS MAY THEN BE STRUCTURALLY BACKFILLED WITH THE APPROPRIATE STRUCTURAL COMPACTED FILL. EXTREME CARE MUST BE EXERCISED TO PREVENT EXCESSIVE DRYING OF THE EXPANSIVE SOIL SUBGRADE SINCE A SUBSEQUENT INCREASE IN MOISTURE CONTENT MAY CAUSE SWELL.

STRUCTURAL COMPACTED FILL SOILS: STRUCTURAL COMPACTED FILL WITHIN THE PROPOSED BUILDING AREA WITH FOUNDATION ALTERNATE A IS RECOMMENDED TO CONSIST OF LOW EXPANSIVE (PI <OR= 15), NON-GRANULAR STRUCTURAL FILL IMPORTED TO THE SITE; ON SITE MATERIALS WHICH POSSESS A PI OF 15 OR LESS; OR HYDRATED LIME MODIFIED ON-SITE CLAY SOILS MAY BE UTILIZED PROVIDED THESE MODIFIED SOILS POSSESS A PI OF 15 OR LESS. EVALUATION, TESTING AND APPROVAL OF THE DESIRED STRUCTURAL COMPACTED FILL MATERIAL SHOULD BE PERFORMED BY A GILES ENGINEERING REPRESENTATIVE PRIOR TO ITS SELECTION AND USE. TYPICALLY, ABOUT 4 TO 6 PERCENT HYDRATED LIME BY DRY WEIGHT OF THE ON-SITE SOILS ARE ANTICIPATED TO BE SUITABLE; HOWEVER, THE ACTUAL REQUIRED PERCENT OF LIME SHOULD BE DETERMINED BY LABORATORY TESTING. THE SELECTION, PLACEMENT AND COMPACTION OF THE STRUCTURAL COMPACTED FILL IS RECOMMENDED TO BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATION GUIDELINES (STANDARD PROCTOR PROCEDURES) ENCLOSED IN APPENDIX E OF THE SOIL REPORT.

FOUNDATION AND FLOOR SLAB DESIGN PARAMETERS (ALTERNATIVE A): FOLLOWING THE REMOVAL OF THE RECOMMENDED MINIMUM 2 FEET (POSSIBLY DEEPER IN ISOLATED AREAS) OF THE EXISTING EXPANSIVE SOILS AND REPLACEMENT WITH THE RECOMMENDED LOW EXPANSIVE (PI <OR= TO 15), NON-GRANULAR STRUCTURAL COMPACTED BACKFILL, THE PROPOSED STRUCTURE MAY BE SUPPORTED BY A MODERATELY RIGID SHALLOW FOUNDATION SYSTEM (OR TURNED DOWN SLAB) DESIGNED AS FOLLOWS BASED UPON A MAXIMUM 1 INCH PVR: MAXIMUM, NET ALLOWABLE SOIL BEARING PRESSURE: 3,000 PSF AND MINIMUM FOOTING EMBEDMENT INTO SUITABLE SOILS: 12 INCHES

THE MINIMUM PERIMETER FOUNDATION DEPTH FOR ALTERNATE A, THE CONVENTIONAL SHALLOW FOUNDATION SYSTEM SUPPORTED WITHIN LOW EXPANSIVE SELECT FILL SOILS SHOULD BE FOUNDED AT LEAST 18 INCHES BELOW THE ADJACENT EXTERIOR GRADE FOR ADDITIONAL MOISTURE PROTECTION OF THE FOUNDATION BEARING SOILS. FOR ALTERNATE A, THE FLOOR SLAB MAY BE CONSTRUCTED AS A CONVENTIONAL SLAB-ON-GRADE OR TURNED DOWN SLAB SUPPORTED ON A MINIMUM OF 2 FEET OF LOW EXPANSIVE, NON-GRANULAR STRUCTURAL FILL USED TO REPLACE A PORTION OF THE NEAR SURFACE MODERATELY EXPANSIVE CLAY FILL SOILS AND REDUCE THE PVR ESTIMATE TO 1 INCH, OR LESS.

F4. GOOD SURFACE DRAINAGE SHOULD BE ESTABLISHED PRIOR TO AND MAINTAINED AFTER CONSTRUCTION TO HELP PREVENT WATER FROM PONDING WITHIN OR ADJACENT TO THE BUILDING FOUNDATION. REEFER TO SOIL REPORT FOR SUBSURFACE DRAINAGE RECOMMENDATIONS TO LIMIT PROBLEMS ASSOCIATED WITH FILL MATERIAL.

F5. FOOTINGS SHALL BE POURED THE SAME DAY THEY ARE EXCAVATED.

F6. PROVIDE A 6 MIL VAPOR BARRIER BELOW THE FLOOR SLAB. PROVIDE 2" SAND CUSHION AS OUTLINED IN THE SOIL REPORT UNDER THE SLAB.

STRUCTURAL STEEL:

S1. STRUCTURAL STEEL SHALL BE NEW STEEL AND SHALL CONFIRM TO THE A.I.S.C. "SPECIFICATION FOR DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS." THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND DETAILS BEFORE FABRICATION.

S2. STRUCTURAL STEEL ROLLED SHAPES AND PLATES SHALL CONFORM TO ASTM A-36.

S3. STRUCTURAL STEEL TUBING SHALL CONFORM TO ASTM A-500, GRADE B.

S4. ALL STRUCTURAL STEEL CONNECTIONS AND DETAILS SHALL CONFIRM TO THE A.I.S.C. "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES."

S5. BOLTED CONNECTIONS OF PRIMARY MEMBERS SHALL CONFORM TO THE REQUIREMENTS OF THE A.I.S.C "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A-325 OR A-490 BOLTS." UNLESS NOTED OTHERWISE, ALL PRIMARY CONNECTIONS WITH HIGH STRENGTH BOLTS SHALL BE ASTM A-325 AND HEX NUTS.

S6. WELDED CONSTRUCTION SHALL CONFORM TO AWS D-1.1, "STRUCTURAL WELDING CODE." ELECTRODES FOR FIELD AND SHOP WELDS SHALL BE E70XX, UNLESS NOTED OTHERWISE.

S7. ALL CONNECTIONS SHALL BE DESIGNED BY STEEL FABRICATOR UNLESS OTHERWISE INDICATED. CONNECTIONS SHALL BE DESIGNED TO RESIST A FORCE OF 55% OF THE AISC ALLOWABLE BEAM LOAD, OR THE REACTION SPECIFIED, WHICHEVER IS GREATER. ALL CONNECTION DESIGN REACTIONS SHALL BE NOTED ON THE SHOP DRAWINGS.

S8. DESIGN, FABRICATION AND ERECTION OF ALL OPEN WEB JOISTS, JOIST GIRDERS AND BRIDGING SHALL CONFORM TO THE STANDARDS OF THE STEEL JOIST INSTITUTE. ALL JOISTS SHALL BE WELDED AT THE ENDS.

S9. ALL STEEL BEAMS AND JOISTS SHALL BE CAMBERED, PITCHED AND/OR SET ON A SLOPE TO ACHIEVE THE ELEVATIONS SHOWN ON THE DRAWINGS.

S10. ALL HANGERS SUPPORTED FROM JOISTS AND JOIST GIRDERS SHALL BE LOCATED AT BOTTOM CHORD PANEL POINTS ONLY AND SHALL BE CONNECTED WITHOUT FIELD WELDING OR DRILLING HOLES IN JOISTS.

S11. DESIGN, FABRICATE, & ERECTION OF ALL OPEN WEB JOISTS AND BRACING SHALL CONFORM TO THE STANDARDS OF THE STEEL JOIST INSTITUTE. ALL JOISTS SHALL BE WELDED AT THE ENDS.

DESIGN LOADS FOR ROOF JOISTS (SEE DWG. S-2 FOR ADDITIONAL LOADS & SPECIAL JOISTS)

DEAD LOAD = 20 PSF
LIVE LOAD = 20 PSF
UPLIFT FOR WIND LOAD = 80 MPH (EXPOSURE-C)

LIGHT GAGE METAL FRAMING

M1. ALL EXTERIOR STEEL STUDS SHALL BE 6" STUDS 60CSE16 (16 GAGE) @ 16" O/C WITH LATERAL BRACING AT 4'-0" O/C AS MANUFACTURED BY UNIMAST INC. OR APPROVED EQUAL.

M2. PROVIDE 60CR20 RUNNER ON TOP AND BOTTOM OF ALL EXTERIOR WALLS.

M3. INSTALL DIAGONAL 16 GAGE FLAT STRAP BRACING IN CROSS AND CORNER WALLS.

M4. ALL STUDS ARE TO BE CUT WITH A SAW OR SHEAR. TORCH CUTTING IS NOT PERMISSIBLE.

M5. ALL FASTENERS SHALL BE SELF TAPPING SCREWS OR WELDS IN ACCORDANCE WITH SECTION 6.0 OF AMERICAN WELDING SOCIETY'S "STRUCTURAL WELDING CODE - SHEET METAL" (AWS D1.3-8). MANUFACTURER SHALL SUPPLY ALL SLIPS, FASTENERS, TEMPORARY BRACING, ACCESSORIES, STANDARD BRIDGING ETC.

M6. PROVIDE MANUFACTURER'S STANDARD RUST INHIBITIVE PRIMER FINISH TO METAL FRAMING COMPONENTS.

M7. STUDS SHALL BE DOUBLED AT ALL CORNERS AND AROUND ALL OPENINGS.

METAL DECKING

D1. ALL METAL DECKING SHALL COMPLY WITH THE SPECIFICATIONS OF THE STEEL DECK INSTITUTE FOR DESIGN AND ERECTION.

D2. ROOF DECK SHALL BE 1 1/2 IN. DEEP, 22 GAGE, SDI INTERMEDIATE RIB (TYPE F) STEEL DECK, ASTM A446, MINIMUM YIELD POINT OF 33,000 PSI (VULCRAFT 1.5F22 OR EQUAL)

D3. LAY DECK UNITS CONTINUOUS OVER AT LEAST 3 SPANS WITH MINIMUM 2" END LAPS OVER SUPPORTS.

D4. FASTEN DECK TO STEEL SUPPORTS WITH 5/8" DIA. PUDDLE WELDS AT 12" O.C. (36/4). FASTEN DECK UNITS TOGETHER AT SIDE LAPS WITH A MINIMUM OF 3-#10 TEKS FASTENERS PER DECK SPAN EVENLY SPACED.

REINFORCED CONCRETE:

C1. TYPICAL CONCRETE SHALL BE HARD ROCK CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS. NO CALCIUM CHLORIDE OR FLY ASH SHALL BE PERMITTED IN THE CONCRETE MIX. READY-MIXED CONCRETE SHALL CONFORM TO ASTM C94. MIX DESIGN SHALL INCLUDE LOCATION WHERE CONCRETE IS TO BE USED.

C2. CONCRETE MIX SLUMPS SHALL BE FIVE INCHES MAXIMUM AND THREE INCHES MINIMUM.

C3. PORTLAND CEMENT SHALL CONFORM TO ASTM C150. AGGREGATE SHALL CONFORM TO ASTM C33. MAXIMUM AGGREGATE SIZE SHALL BE ONE INCH.

C4. ALL CONCRETE WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LATEST A.C. I. 318 SPECIFICATIONS " BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".

C5. CONCRETE DESIGN MIX SHALL BE SUBMITTED TO OWNER AND OWNER'S ENGINEER FOR REVIEW FOR COMPLIANCE.

C6. ALL REINFORCING STEEL SHALL BE ASTM A 615 GRADE 60 EXCEPT STIRRUPS AND TIES WHICH MAY BE GRADE 40.

C7. REINFORCING STEEL SHALL BE DESIGNED, DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH THE LATEST A.C.I. "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (A.C.I. 315 LATEST EDITION) AND C.R.S.I. "RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS", LATEST EDITION.

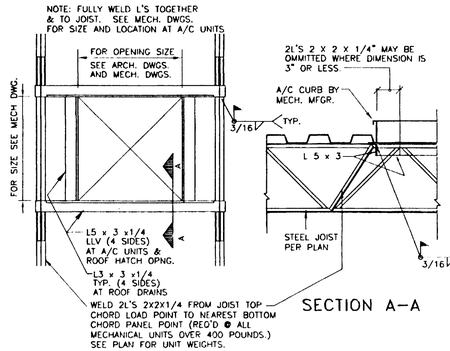
C8. REINFORCEMENT SPLICES SHALL LAP A MINIMUM OF 36 BAR DIAMETERS AND 18 INCHES MINIMUM UNLESS OTHERWISE NOTED ON DRAWINGS. BAR SPLICES AT LOCATIONS OF HIGH STRESS ARE NOT PERMITTED. SPLICE SHALL BE APPROVED BY THE STRUCTURAL ENGINEER.

C9. PROVIDE SPACERS, CHAIRS, BOLSTERS, TIES AND OTHER ACCESSORIES CONFORMING TO THE REQUIREMENTS OF THE R.S.I.

C10. CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE AS FOLLOWS:

GRADE BEAMS ..... 1 1/2 " TOP, 2" SIDES & 3" BOTTOM
SLAB ON GRADE ..... 1 1/2 " TOP
FOOTINGS ..... 3 " ALL SURFACES

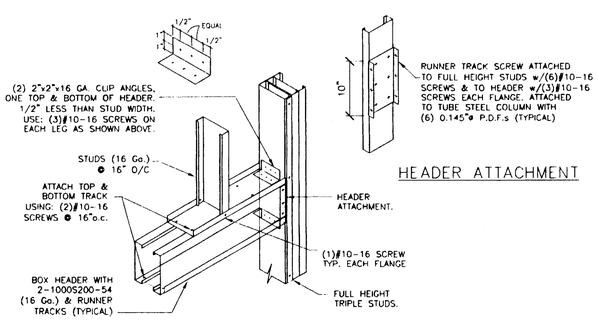
C11. PERFORM SAW CUTS AS INDICATED ON THE FOUNDATION PLAN WITHIN 8 HOURS AFTER PLACING CONCRETE WITHOUT DISLODGING AGGREGATE.



SECTION A-A

1 SECTION

SCALE: 1/2" = 1'-0"

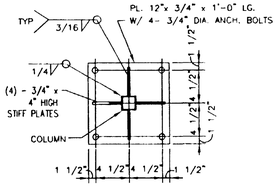


HEADER ATTACHMENT

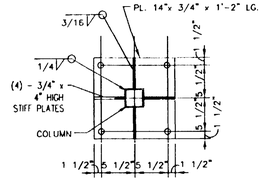
TYP. BOXED HEADER CONNCECTION DETAIL AT WINDOW & DOOR HEADERS

2

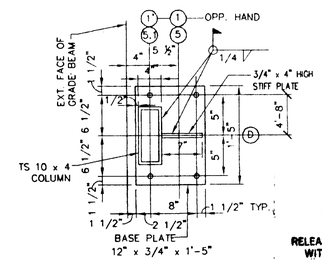
SCALE: NTS



BASE PLATE TYPE-A



BASE PLATE TYPE-B



BASE PLATE TYPE-C

3 TYP. BASE PLATE DETAIL

SPECIAL INSPECTIONS REQUIRED PER SEC. 308, 1991 UNIFORM BUILDING CODE FOR:

AND

PERIODIC INSPECTIONS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL. A FINAL SIGNED REPORT SHALL BE SUBMITTED, STATING THAT ALL WORK REQUIRING SPECIAL INSPECTIONS COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS. THE SPECIAL INSPECTOR SHALL BE APPROVED BY THE BLDG. OFFICIAL

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET _____ OF _____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE.
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE _____ BY _____
BUILDING INSPECTION DIVISION
RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY.
ALL CHANGES MUST BE APPROVED.

INTEC SERVICES INC.
CONSULTING ENGINEERS & PLANNERS
3313 S. UNIVERSITY DR. SUITE 301
FORT WORTH, TX 76109
TELEPHONE: (817) 927-3049 * FAX: (817) 927-3048

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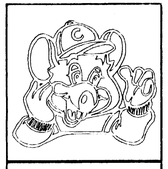
INTEC PROJ. FILE NO. 2103255 DATE: 11/21/01



ARCHITECTURE - PLANNING - DESIGN
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1010 W. EULESS BLVD., SUITE 110
EULESS, TX 76040
817 354-8010

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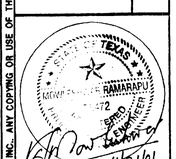
CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

GENERAL NOTES AND DETAILS



Date
11/21/01

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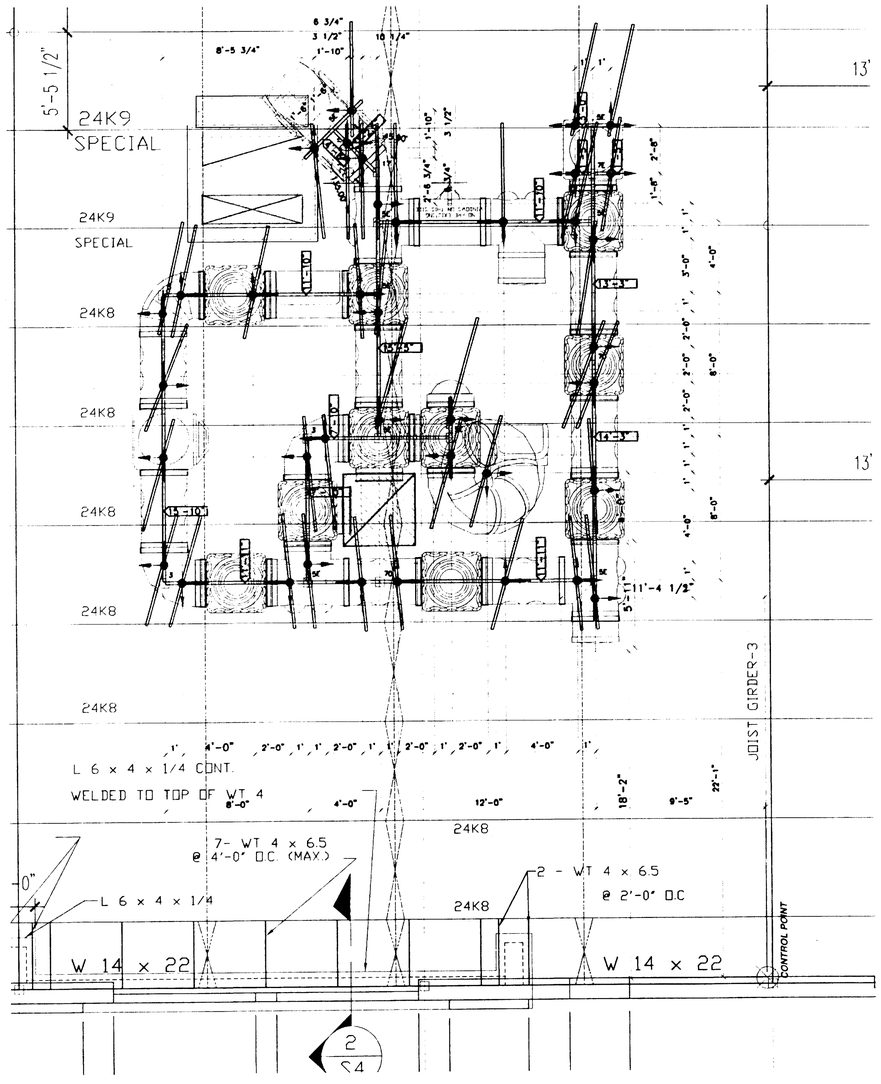

SUPERSTRUCTURE ATTACHMENT PLAN

1/4" = 1'-0"

GENERAL CONDITIONS:

1. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND DETAILS BEFORE FABRICATION OR CONSTRUCTION AND REPORT ANY DISCREPANCIES OR OMISSIONS IN THE CONTRACT DOCUMENTS TO THE STRUCTURAL ENGINEER.
2. REFER TO SHEET S7 FOR DETAILS.
3. AFTER COMPLETE ERECTION OF MONORAIL A TESTING LABORATORY SHALL BE HIRED TO VERIFY THAT ALL CONNECTIONS HAVE BEEN PROPERLY INSTALLED.

DESIGN SPECIFICATIONS:

STANDARD BUILDING CODE, CURRENT EDITION, IS USED AS BASIC CODE DOCUMENTS. THIS IS SUPPLEMENTED BY THE FOLLOWING ADDITIONAL CODES AND REFERENCES TO BE USED FOR DESIGN, DETAILING AND CONSTRUCTION

A. STRUCTURAL STEEL: 1989 SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS OF AISC (NINTH EDITION).

B. STANDARD SPECIFICATIONS FOR OPEN WEB STEEL JOISTS, H SERIES (SJI).

STRUCTURAL STEEL

1. STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS," 1989, NINTH EDITION.
2. STRUCTURAL STEEL TO CONFORM TO ASTM A36 GRADE STEEL UNLESS OTHERWISE NOTED.
3. STRUCTURAL PIPE SHALL CONFORM TO ASTM A53, GRADE B.
4. BOLTS AND BOLTED CONNECTIONS SHALL CONFORM TO THE REQUIREMENTS OF THE SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A307 BOLTS.
5. VERIFY JOIST LOCATIONS PRIOR TO INSTALLATION. PENDENT POINTS ARE ALWAYS IN THE SAME POSITION IN RELATIONSHIP TO EACH OTHER. ANY ADJUSTMENT MUST BE AS AN ENTITY.

5',8' C

C5 x 6.7 x 8' STEEL CHANNEL

PENDENT POINT

BRACING

COLLAR

MONORAIL

8' SCHEDULE 80 PIPE

SPECIAL INSPECTIONS REQUIRED PER SEC. 306, 1991 UNIFORM BUILDING CODE FOR:

AND

PERIODIC INSPECTIONS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL. A FINAL SIGNED REPORT SHALL BE SUBMITTED, STATING THAT ALL WORK REQUIRING SPECIAL INSPECTIONS COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS. THE SPECIAL INSPECTOR SHALL BE APPROVED BY THE BLDG. OFFICIAL

INTEC SERVICES INC.
CONSULTING ENGINEERS & PLANNERS
3113 S. UNIVERSITY DR. SUITE 301
FORT WORTH, TX 76109
TELEPHONE: (817) 927-3049 * FAX: (817) 927-3048

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INTEC PROJ FILE NO: 2103256 * DATE: 11/21/01

CITY OF GRAPEVINE RELEASED FOR CONSTRUCTION

SHEET ____ OF ____

RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE. THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES

DATE ____ BY ____

BUILDING INSPECTION DIVISION

RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY. ALL CHANGES MUST BE APPROVED

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1010 W. EULESS BLVD., SUITE 110
EULESS, TX 76040 817 354-8010

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GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

SUPERSTRUCTURE ATTACHMENT PLAN

STATE OF TEXAS
MOWLESHWAR RAMARAPU
78472
REGISTERED PROFESSIONAL ENGINEER
11/21/01

Date
11/21/01

Revisions

Project Number
SB-854

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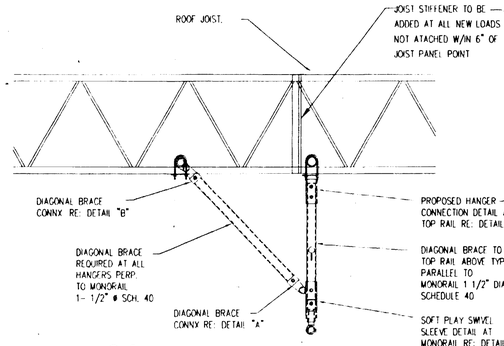
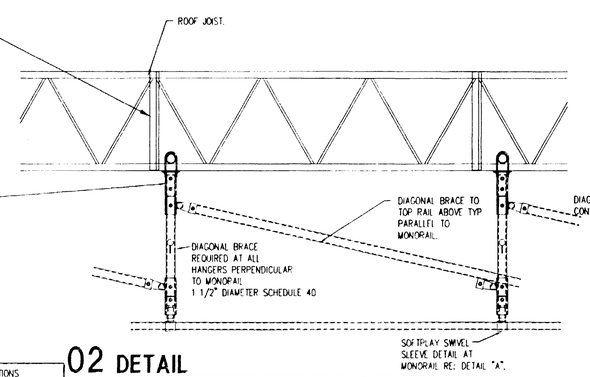
of 7



01 DETAIL

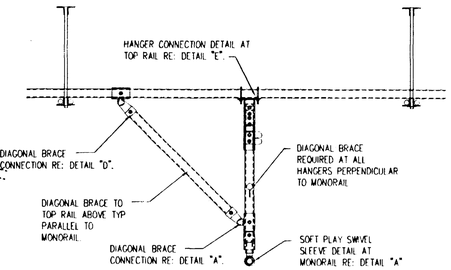
SCALE: 3/4"=1'-0"



02 DETAIL

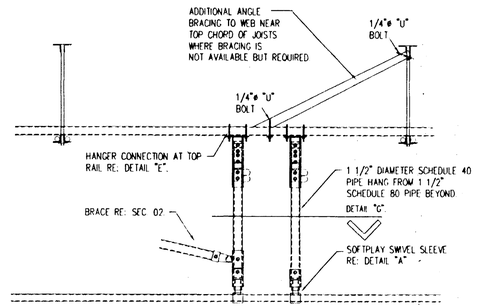
SCALE: 3/4"=1'-0"

NOTE: THE CONNECTIONS BETWEEN MONORAIL AND BALL CRAW AND THE BALL CRAW ITSELF ARE THE RESPONSIBILITY OF OTHERS. RE: DRAWINGS G1-G4. PROVIDED ONLY AS REFERENCE



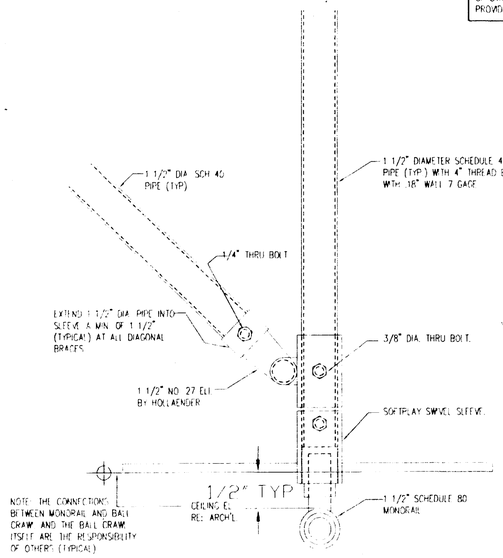
03 DETAIL

SCALE: 3/4"=1'-0"



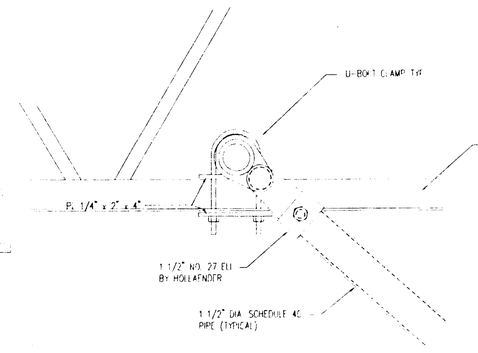
04 DETAIL

SCALE: 3/4"=1'-0"



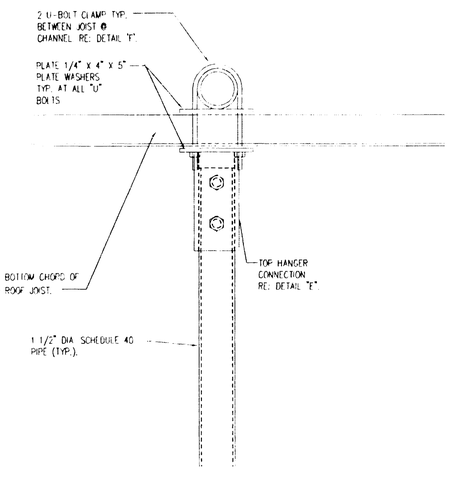
DETAIL A

SCALE: 3"=1'-0"



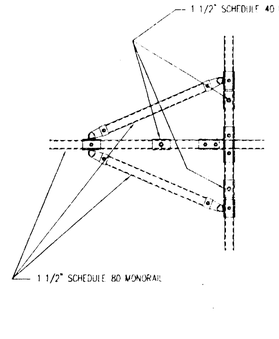
DETAIL B

SCALE: 3"=1'-0"



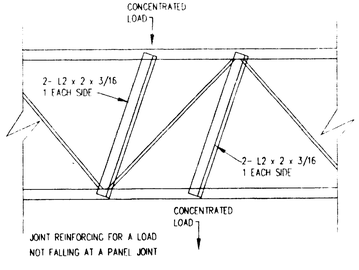
DETAIL C

SCALE: 3"=1'-0"



DETAIL G

SCALE: 3/4"=1'-0"



05 TYP. JOIST REINFORCEMENT DETAIL

SCALE: NTS

SPECIAL INSPECTIONS REQUIRED PER SEC. 308, 1991 UNIFORM BUILDING CODE FOR:

_____ AND _____

PERIODIC INSPECTIONS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL. A FINAL SIGNED REPORT SHALL BE SUBMITTED, STATING THAT ALL WORK REQUIRING SPECIAL INSPECTIONS COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS. THE SPECIAL INSPECTOR SHALL BE APPROVED BY THE BLDG. OFFICIAL.

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CONSULTING ENGINEERS & PLANNERS
3113 S. UNIVERSITY DR. SUITE 301
FORT WORTH, TX 76109
TELEPHONE: (817) 927-3049 * FAX: (817) 927-3049

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INTEC PROJ. FILE NO: 2103257 DATE

CITY OF GRAPEVINE RELEASED FOR CONSTRUCTION
SHEET ____ OF ____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE ____ BY ____
BUILDING INSPECTION DIVISION
RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY. ALL CHANGES MUST BE APPROVED.

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1010 W. EULESS BLVD., SUITE 110
EULESS, TX 76040 817 354-6010

CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

SECTIONS

STATE OF TEXAS — MOHAMMAD ESFAHANI RAMAKANTI — 78472 — REGISTERED PROFESSIONAL ENGINEER — 11/21/01

Date
11/21/01

Revisions

Project Number
SB-854

Sheet Number
S7
of 7

PIPING ON ROOF NOTE:

GAS PIPING SHALL BE RUN ON ROOF. CONTRACTOR SHALL PROVIDE ROOF PIPING SUPPORTS ON 10'-0" CENTERS, EACH CHANGE IN DIRECTION, EACH ROOF TOP UNIT AND EACH PIPE PENETRATION THROUGH ROOF. REFER TO DETAILS. REFER TO MECHANICAL SPECIFICATIONS FOR REQUIRED OFFSETS OR LOOPS FOR PIPING EXPANSION.

GAS SERVICE NOTE:

CONTRACTOR SHALL COORDINATE INSTALLATION OF GAS SERVICE AND METER WITH GAS COMPANY. CONTRACTOR SHALL PAY ALL FEES, PERMITS AND CHARGES ASSOCIATED WITH THE INSTALLATION OF BOTH THE GAS METER AND SERVICE.

FIRE PROTECTION NOTE:

CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE AUTOMATIC WET TYPE SPRINKLER SYSTEM FOR THE ENTIRE BUILDING. SPRINKLER HEAD LAYOUT SHALL BE BASED ON NFPA 13 AND STATE AND LOCAL CODES. SPRINKLER STSYEM SHALL COMFORM TO STATE BOARD OF INSURANCE, NFPA 13, LOCAL AND OWNERS INSURANCE COMPANY REQUIREMENTS. CONTRACTOR SHALL CONTACT OWNER'S INSURANCE COMPANY TO COMFIRM ALL OF THEIR REQUIREMENTS. PRIOR TO SUBMITTING THEIR BID. REFER TO MECHANICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

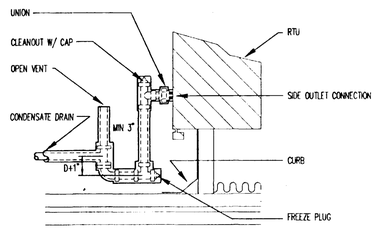
GENERAL PLUMBING NOTE:

A. ALL EXPOSED PLUMBING PIPING (SUPPLY OR WASTE) IN FINISHED MEN AND WOMEN RESTROOM AREA SHALL BE CHROME PLATED.

B. ALL EXPOSE PLUMBING (SUPPLY OR WASTE) IN KITCHEN AND SERVING LINE AREAS SHALL BE HARD POLISHED COPPER.

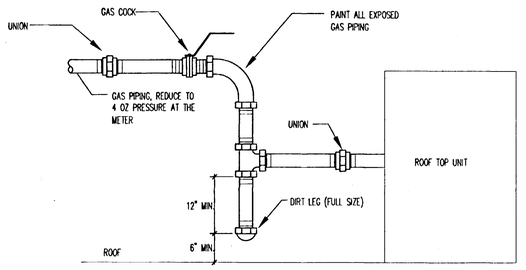
C. FLOOR SINKS TO BE INSTALLED FLUSH WITH THE FINISH FLOOR SURFACE, AND CLOSE TO WALL UNDERNEATH SINKS, NOT A TRIP HAZARD.

D. THE PIPING SHOWN IS IN SCHEMATIC FORM. ROUTE PIPING AS REQUIRED FOR CLEARANCE WITH STRUCTURAL AND EQUIPMENT CONDITIONS. COORDINATE WITH OTHER TRADES AS REQUIRED. PIPING SHALL BE INSTALLED WITH ADEQUATE SLOPE AS REQUIRED FOR EACH PARTICULAR SYSTEM.



02 ROOFTOP A/C UNIT CONDENSATE PIPING
NO SCALE

NOTE:
1). D = UNIT TOTAL STATIC PRESSURE
2). CONDENSATE DRAIN SHALL BE SIZES SHOWN ON DRAWINGS BUT NO LESS THEN THE UNIT CONNECTION SIZE.



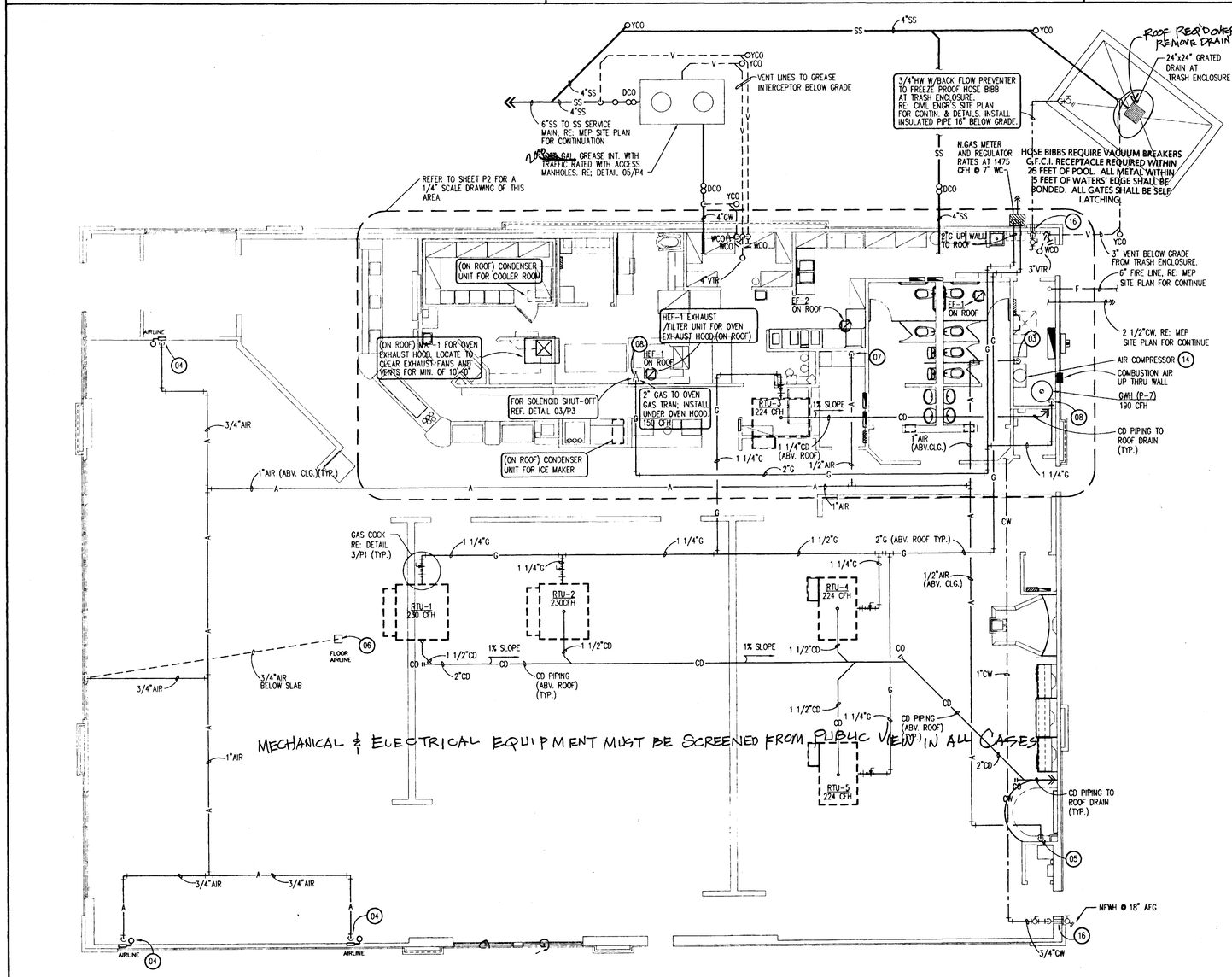
03 GAS COCK DETAIL
NO SCALE

PIPE MATERIAL SCHEDULE

SERVICE	PIPE	FITTINGS	LOCATION
G. WASTE, SS & VENT	CAST IRON HUBBLES	CAST IRON HUBBLES	ABOVE & BELOW GRADE
HOT & COLD WATER	COPPER TYPE 'L' HARD DRAWN	WROUGHT COPPER	ABOVE GRADE
COLD WATER	COPPER TYPE 'K' HARD DRAWN	WROUGHT COPPER	BELOW GRADE
CONDENSATE DRAIN INDIRECT DRAIN	COPPER TYPE 'M' HARD DRAWN	WROUGHT COPPER	ABOVE GRADE
NATURAL GAS	BLACK, IRON, SCHED. 40	MALLEABLE IRON	ABOVE GRADE

PLUMBING SYMBOLS

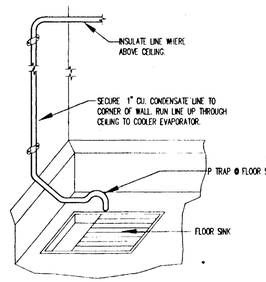
- V — VENT LINE (V)
- CW — COLD WATER LINE (CW)
- HW — HOT WATER LINE (HW)
- GW — GREASE WASTE LINE (GW)
- SS — SANITARY SEWER LINE (SS)
- CD — CONDENSATE LINE (CD)
- G — GAS LINE (G)
- A — COMPRESSED AIR LINE (A)
- F — FIRE MAIN (F)
- D — DRAIN LINE (D)



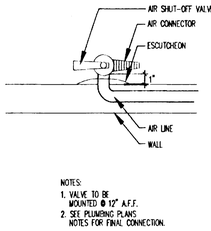
MECHANICAL & ELECTRICAL EQUIPMENT MUST BE SCREENED FROM PUBLIC VIEW IN ALL CASES

01 PLUMBING PLAN (NATURAL GAS, AIR & CONDENSATE LINE)
SCALE: 1/8" = 1'-0"

NOTE: REF. SHEET P2 FOR PLAN NOTES SHOWN BY (00)

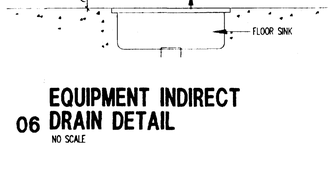


04 COOLER UNIT CONDENSATE DRAIN DETAIL
NO SCALE

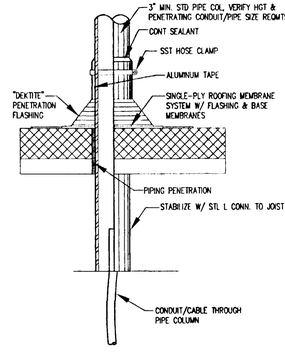


NOTES:
1. VALVE TO BE MOUNTED @ 12" A.F.F.
2. SEE PLUMBING PLANS NOTES FOR FINAL CONNECTION.

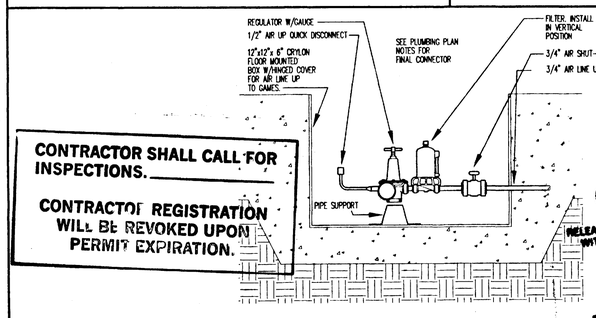
05 AIR CONNECTION DETAIL (PLAN)
NO SCALE



06 EQUIPMENT INDIRECT DRAIN DETAIL
NO SCALE



07 PIPE PENETRATION DETAIL
NO SCALE



CONTRACTOR SHALL CALL FOR INSPECTIONS.

CONTRACTOR REGISTRATION WILL BE REVOKED UPON PERMIT EXPIRATION.

08 FLOOR BOX CONNECTION DETAIL (SECTION)
NO SCALE

SEPARATE PLUMBING, MECHANICAL, ELECTRICAL AND SIGN PERMITS SHALL BE REQUIRED.

GENERAL MECHANICAL, ELECTRICAL, PLUMBING CONTRACTORS SHALL BE REGISTERED WITH THE CITY OF GRAPEVINE. REGISTRATION FEE IS_____.

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET_____OF_____
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THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE_____BY_____
BUILDING INSPECTION DIVISION
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EULESS, TX 76040
817 354-6010

CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

PLUMBING PLAN

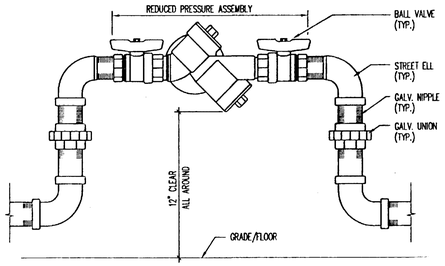
STATE OF TEXAS
J. V. SCHULTES
34938
REGISTERED
PROFESSIONAL ENGINEER

Date
11/21/2001

Revisions

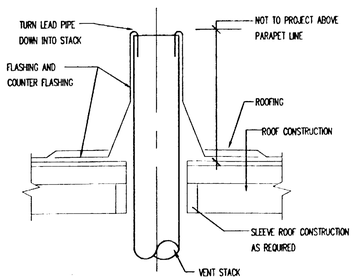
Project Number
SB-854

Sheet Number
P1
of 4



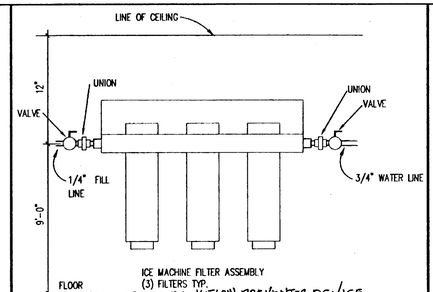
02 REDUCED PRESSURE ASSEMBLY FOR BACKFLOW PREVENTER

NO SCALE



03 VENT STACK THRU ROOF

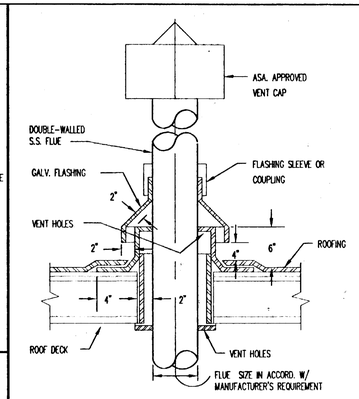
NO SCALE



INSTALL APPROPRIATE BACKFLOW PREVENTER DEVICE

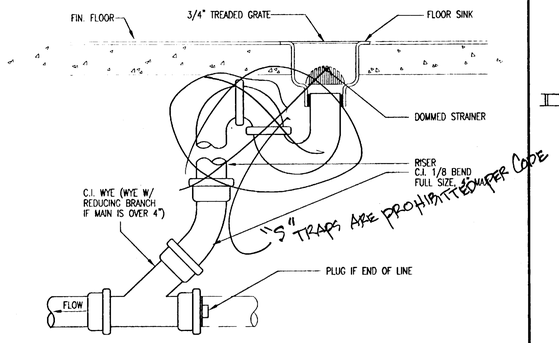
04 ICE MACHINE FILTER ASSEMBLY

NO SCALE



05 GAS WATER HEATER FLUE VENT

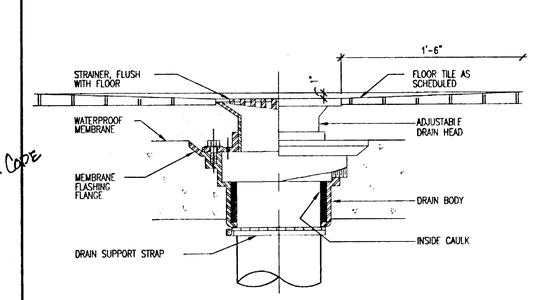
NO SCALE



"S" TRAPS ARE PROHIBITED BY PLUMBER CODE

06 FLOOR SINK DETAIL

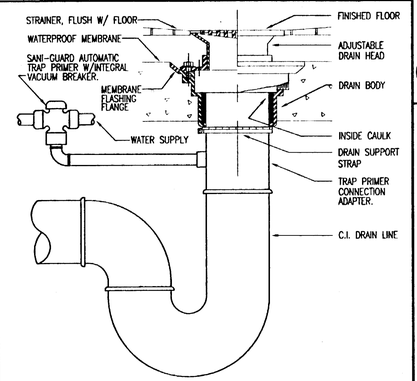
NO SCALE



PROTECT ALL FLOOR DRAINS WITH INSTALLATION OF TRAP PRIMERS

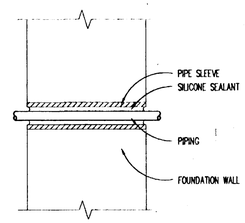
07 FLOOR DRAIN DETAIL

NO SCALE



08 FLOORDRAIN W/ TRAP PRIMER

NO SCALE

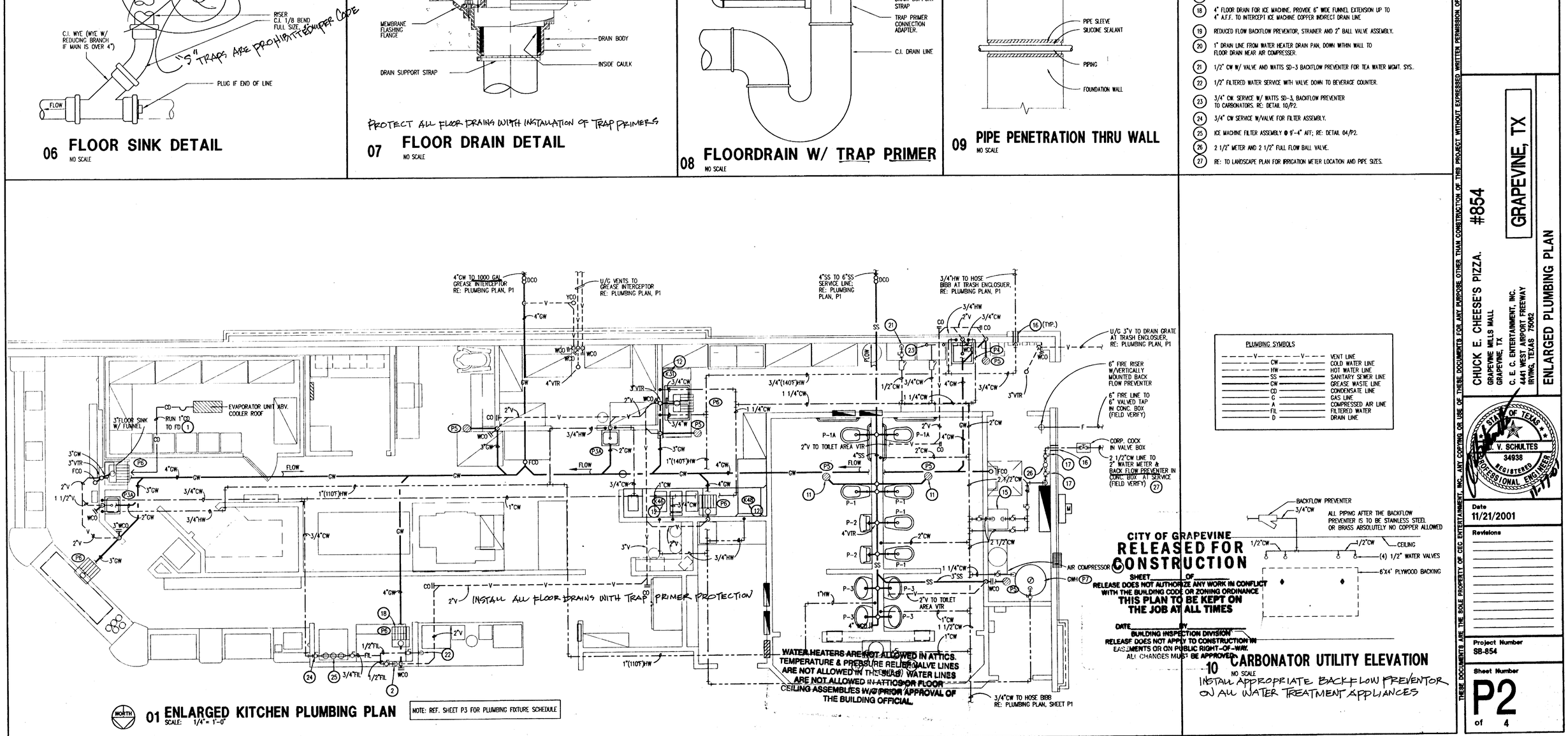


09 PIPE PENETRATION THRU WALL

NO SCALE

PLAN NOTES:

1. 1" INSULATED CONDENSATE DRAIN UP TO COOLER AIR HANDLING UNIT. RE: DETAIL 04/P1
2. 1/2" FILTERED WATER SERVICE WITH VALVE TERMINATED AT 8'-0" AFF. FOR ICE MACHINE.
3. 1" COPPER AIR LINE DOWN TO AIR COMPRESSOR/AIR DRYER, RE: DETAIL 01/P3
4. 3/4" COPPER AIR LINE DOWN TO GAMES TO TERMINATE W/1/2" THREADED BALL VALVE LOCATED AT 12" AFF., RE: DETAIL 05/P1
5. 1/2" COPPER AIR LINE TO 1/2" BALL VALVE TO TERMINATE @ 3/8" FEMALE QUICK DISCONNECT. TERMINATE @ BACK WALL, 12" A.F.F. WITH OWNER FURNISHED REGULATOR.
6. 3/4" COPPER PIPING TO "WAVERUNNER" GAME. RUN TROUGH SLAB AND TERMINATE W/ 1/2" BALL VALVE, REGULATOR, AND 3/8" FEMALE QUICK DISCONNECT IN RECESSED FLOOR BOX W/ COVER. RE: DETAIL 08/P1. VERIFY EXACT LOCATION.
7. 1/2" COPPER AIR LINE TO 1/4" THREAD WITH BALL VALVE DOWN TO SERVE EQUIPMENT. INSTALL @ 8" ABV. COUNTERTOP.
8. WATER PROOF PIPE PENETRATION THRU ROOF, RE: DETAIL 07/P1.
9. 2" INSULATED CONDENSATE DRAIN LINE DOWN TO FLOOR DRAIN. ROUTE LINE CONCEALED WITHIN WALL VERTICALLY.
10. 2" INSULATED CONDENSATE DRAIN LINE DOWN TO ICE MAKER FLOOR SINK. ROUTE LINE CONCEALED WITHIN WALL VERTICALLY.
11. 1/2" TYPE K SOFT TEMPER COPPER TUBE. TRAP PRIMER LINE. RUN TO TRAP PRIMER VALVE WADE. MODEL #W-3400 DIRECTLY BEHIND 10"x10" ACCESS PANEL AT ADJACENT WALL.
12. RUN INDIRECT COPPER DRAIN LINES FROM VEGETABLE PREP SINK, 3-BAY SINK AND DISHWASHER TO ADJACENT FLOOR SINK. RE: DETAIL 06/P1.
13. SUPPORT 40 GAL. WATER HEATER SECURELY @ 8'-6" ON SHELF ABOVE WALL. PROVIDE OVER FLOW DRAIN PAN. RUN 1" DRAIN & ASME T & P RELIEF VALVE TO FLOOR DRAIN, SIMILAR TO DETAIL 06/P1
14. AIR COMPRESSOR WITH DRYER ABOVE; RE: DETAIL 01/P.3.
15. FUTURE WATER SOFTENER. RE: DETAIL 02/P3 FOR WATER CONNECTION.
16. WATER PROOF PIPE PENETRATION THRU WALL, RE: DETAIL 09/P2.
17. MAIN FULL FLOW BALL VALVE.
18. 4" FLOOR DRAIN FOR ICE MACHINE. PROVIDE 6" WIDE FUNNEL EXTENSION UP TO 4" A.F.F. TO INTERCEPT ICE MACHINE COPPER INDIRECT DRAIN LINE
19. REDUCED FLOW BACKFLOW PREVENTOR, STRAINER AND 2" BALL VALVE ASSEMBLY.
20. 1" DRAIN LINE FROM WATER HEATER DRAIN PAN, DOWN WITHIN WALL TO FLOOR DRAIN NEAR AIR COMPRESSER.
21. 1/2" CW W/ VALVE AND WATTS SD-3 BACKFLOW PREVENTER FOR TEA WATER MGMT. SYS.
22. 1/2" FILTERED WATER SERVICE WITH VALVE DOWN TO BEVERAGE COUNTER.
23. 3/4" CW SERVICE W/ WATTS SD-3, BACKFLOW PREVENTER TO CARBONATORS. RE: DETAIL 10/P2.
24. 3/4" CW SERVICE W/VALVE FOR FILTER ASSEMBLY.
25. ICE MACHINE FILTER ASSEMBLY @ 9'-4" AFT; RE: DETAIL 04/P2.
26. 2 1/2" METER AND 2 1/2" FULL FLOW BALL VALVE.
27. RE: TO LANDSCAPE PLAN FOR IRRIGATION METER LOCATION AND PIPE SIZES.



01 ENLARGED KITCHEN PLUMBING PLAN

SCALE: 1/4" = 1'-0"

NOTE: REF. SHEET P3 FOR PLUMBING FIXTURE SCHEDULE

PLUMBING SYMBOLS

V	VENT LINE
CW	COLD WATER LINE
HW	HOT WATER LINE
SS	SANITARY SEWER LINE
GW	GREASE WASTE LINE
CD	CONDENSATE LINE
G	GAS LINE
A	COMPRESSED AIR LINE
FIL	FILTERED WATER
D	DRAIN LINE

10 CARBONATOR UTILITY ELEVATION

NO SCALE

INSTALL APPROPRIATE BACKFLOW PREVENTOR ON ALL WATER TREATMENT APPLIANCES

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET ____ OF ____
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ENLARGED PLUMBING PLAN

STATE OF TEXAS
J. V. SCHULTES
34938
REGISTERED PROFESSIONAL ENGINEER
11-7-01

Date
11/21/2001

Revisions

Project Number
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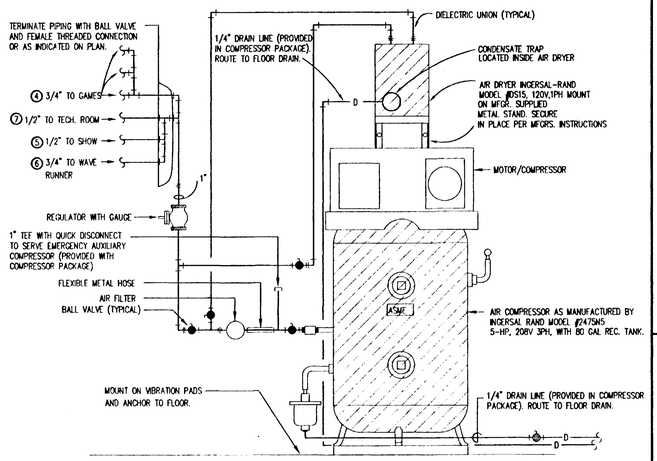
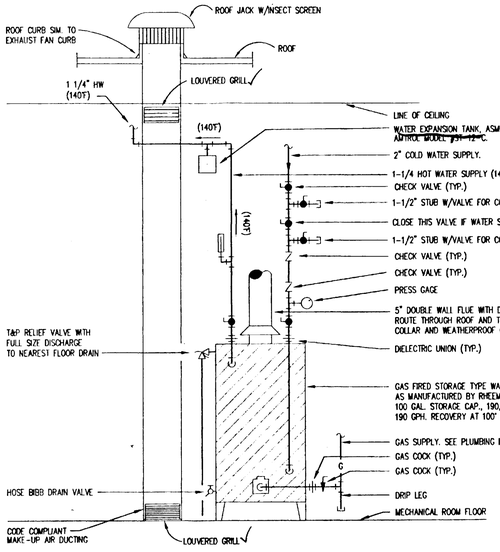
P2
of 4



01 AIR COMPRESSOR PIPING DETAIL

NO SCALE

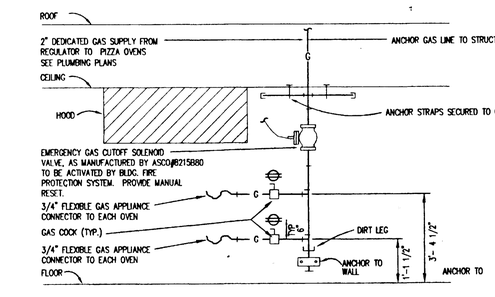
NOTES:
1. MAINTAIN 12" MIN. CLEARANCE, ALL SIDES OF COMPRESSOR FOR PROPER VENTILATION.
2. SEE SHEET "P2" FOR " ○ " PLAN NOTES.
3. ALL AIR LINES AND CONNECTIONS SHALL BE COPPER.



02 GAS WATER HEATER PIPING DIAGRAM

SCALE: NOT TO SCALE

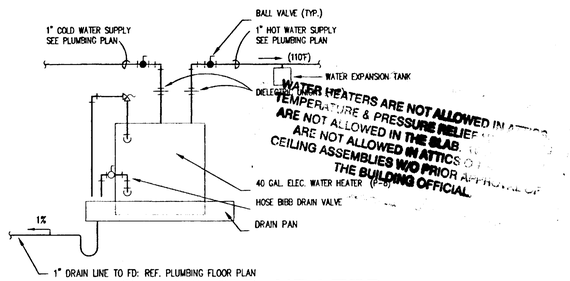
NOTE: 1. MAINTAIN MINIMUM HEATER CLEARANCE TO COMBUSTIBLES: SIDES (2"), REAR (4"), TOP (2").
2. MAINTAIN 18" MINIMUM FRONT FOR SERVICING.



03 PIZZA OVEN PIPING DIAGRAM

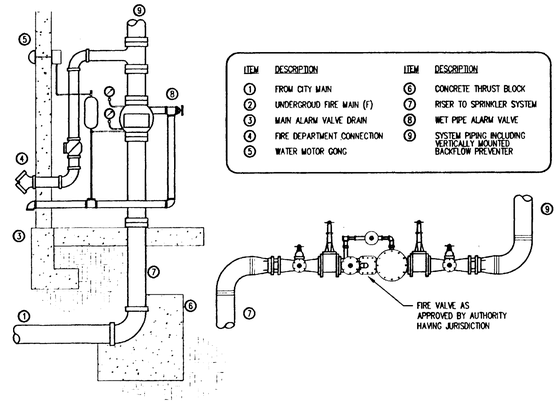
NO SCALE

NOTES: REFER TO PIZZA OVEN MANUFACTURERS SCHEMATIC FOR EXACT LOCATION OF GAS PORT ON DOUBLE STACK OVEN



ELEC. WATER HEATER 04 PIPING DIAGRAM

N.T.S.



05 FIRE PROTECTION RISER DETAIL

SCALE: NOT TO SCALE

PLUMBING FIXTURE SCHEDULE

	MARK	FIXTURE	MANUFACTURER MODEL NUMBER	W	V	CW	HW	TRIM AND REMARKS
	P-1	WATER CLOSET	AMERICAN STANDARD MADERA AQUAMETER # 2234.015	4"	2"	1"		FLOOR MOUNTED SIPHON JET ELONGATED WATER CLOSET COMPLETE WITH OLSONITE WHITE SEAT # 95 WITH INTEGRAL CHECK HINGE. SLOAN ROYAL 111 OPERATED FLUSH VALVE, 10" ROUGH IN, 1.6 GALLON FLUSH.
	P-1A	WATER CLOSET	AMERICAN STANDARD CADET AQUAMETER # 3043.102	4"	2"	1"		SAME AS P-1 EXCEPT AT HANDICAP HEIGHT
	P-2	URINAL	AMERICAN STANDARD TRIMBROOK # 6561.017	2"	1 1/2"	3/4"		WALL HUNG VITREOUS CHINA, SIPHON JET URINAL COMPLETE WITH SLOAN ROYAL 186 – 1 OPERATED FLUSH VALVE, 1 GALLON FLUSH, AND J.R. SMITH CARRIER.
	P-2A	URINAL	AMERICAN STANDARD ALLBROOK # 6541.132	2"	1 1/2"	3/4"		SAME AS P2 EXCEPT AT HANDICAP HEIGHT.
	P-3	HALF PEDESTAL LAVATORY	ELJER # 051-2105	2"	1 1/2"	1/2"	1/2"	WALL HUNG, VITREOUS CHINA, 20" X 19" LAVATORY, WITH KOHLER INTREPID # K-7499 FAUCET WITH 4 1/2" SPOUT, GRID DRAIN, PUSH BUTTON METERING VALVE, BATTERY OPERATED, CHROME FINISH, MCGUIRE SUPPLIES AND STOPS, 1 1/4" IN P-TRAP. HANDICAP ACCESSIBLE
	P-3A (X36)	HAND SINK	REF: KITCHEN EQUIP. SCHEDULE	2"	1 1/2"	3/4"	3/4"	20"x18" STAINLESS STEEL (16 GA.) HAND SINK, ALL WELDED CONST., COMPLETE WITH FAUCET & K-316-LU WRIST HANDLES.
	P-4	MOP SINK	FIAT MODEL # TSB 800	3"	2"	3/4"	3/4"	24" X 24" X 12" MOP BASIN WITH DRAIN BODY AND FLAT STRAINER. SPEAKMAN "COMMANDER" # SC-5611-RCP CAST BRASS SUPPLY FITTING, 3/4" HOSE COUPLING DISCHARGE, PAILHOOK AND TOP BRACE. VACUUM BREAKER # 1230-88. GUARDS ON SIDES NOT AGAINST WALLS.
	P-5	FLOOR DRAIN	J.R.SMITH # 2005-A	AS NOTED ON DRAWINGS				CAST IRON FLOOR DRAIN COMPLETE WITH SATIN NICKEL STRAINER AND DEEP SEAL TRAP, TRAP PRIMER TAP WHERE REQUIRED.
	P-6	FLOOR SINK	J.R. SMITH # 3431-12	AS NOTED ON DRAWINGS				12" X 12" X 8" DEEP CAST IRON FLOOR SINK AND ALUMINUM SEDIMENT BUCKET COMPLETE WITH HALF GRATE SET FLUSH IN FLOOR, AND AGAINST ADJACENT WALL WHERE APPLICABLE.
*	P-7	GAS WATER HEATER	RHEEM #G100-200	–	–	1-1/4"	1-1/4"	100 GAL., NATURAL GAS FIRED STORAGE TYPE WATER HEATER; 190,000 BTUH. INPUT, 190 GPH RECOVERY AT 100 DEGREE RISE. COMPATIBLE WITH LP GAS; COMPLETE W/RECIRC. PUMP AND GAS CUT OFF.
*	P-8	ELEC. WATER HEATER	RHEEM #EL105-40 OR EQUAL	–	–	1"	1"	40 GAL., LOW BOY ELEC. WATER HEATER; DUAL ELEMENTS. (4500W/4500W), 18 GAL. RECOVERY @ 110°F. 240 V, 1 PH; 11.5 R-FACTOR; MEET ASHRAE STR. 90;
	NFWH	NF WALL HYDRANT	J.R. SMITH #5360QT-04-WC	–	–	3/4"	–	BRONZE WALL HYDRANT W/CHROME PLATED FACE, INTEGRAL VAC BRKR, LOCKING DOOR LOOSE KEY AND 3/4" HOSE CONN., NON-FREEZE

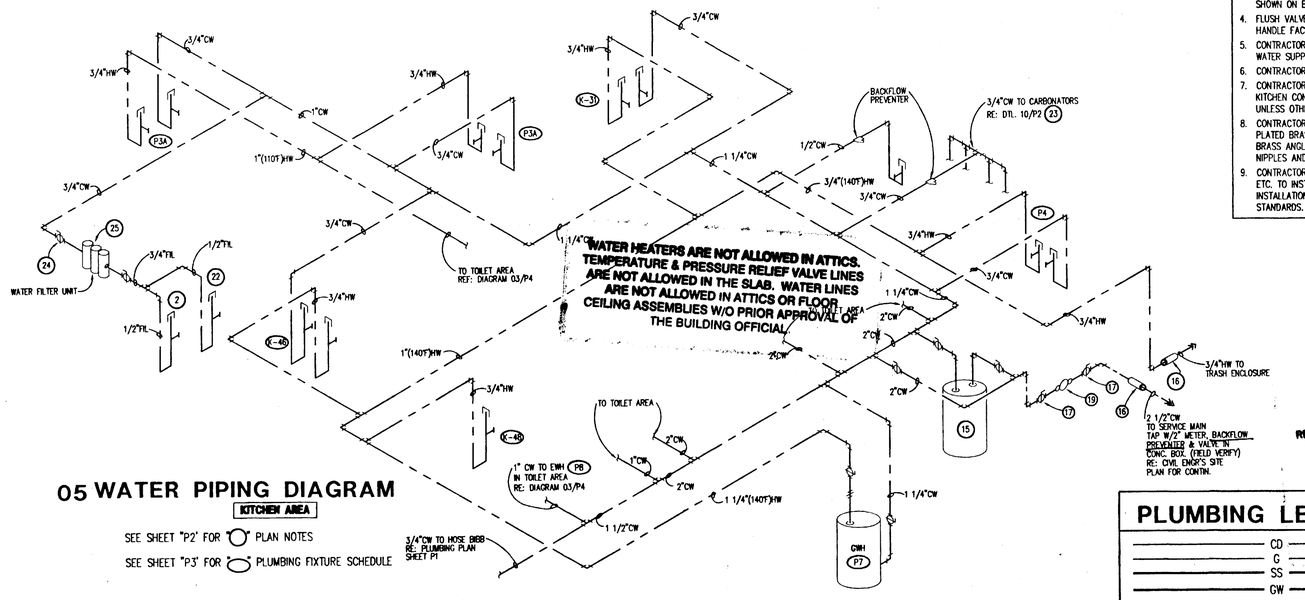
* ABSOLUTELY NO SUBSTITUTIONS WITHOUT WRITTEN APPROVAL FROM THE DIRECTOR OF CONSTRUCTION

PLUMBING RISER GENERAL NOTES:

CONTRACTOR SHALL REFER TO FLOOR PLANS FOR PLUMBING FIXTURE DESIGNATIONS. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING PLUMBING FIXTURES AS SHOWN ON THE PLUMBING AND ARCHITECTURAL DRAWINGS. ALSO, CONTRACTOR SHALL VERIFY ALL LOCATIONS OF HANDICAPPED PLUMBING FIXTURES WITH ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL INSTALL AIR CHAMBERS ON ALL EACH HOT AND COLD WATER ROUGH-IN, ALSO PROVIDE SHOCK ABSORBERS ON ALL QUICK CLOSING VALVES. CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL ACCESS PANELS WITH ARCHITECT PRIOR TO INSTALLATION. ARCHITECT RESERVES THE RIGHT TO RELOCATE ACCESS PANELS WITHOUT ADDITIONAL COST. CONTRACTOR MAY RELOCATE TRAP PRIMERS TO ABOVE CEILINGS IF ALLOWED BY ARCHITECT. IF RELOCATED, THE CONTRACTOR SHALL PROVIDE ACCESS PANEL IN GYPBOARD CEILINGS. CONTRACTOR SHALL INSTALL TRAP PRIMERS ON ALL FLOOR, HUB AND INDIRECT DRAINS, ALSO FLOOR SINKS UNLESS OTHERWISE NOTED OR REQUIRED BY LOCAL/STATE CODES.

PLUMBING FIXTURE NOTES

1. WALL HUNG FIXTURES SHALL BE SUPPORTED USING ADJUSTABLE CONCEALED ARM, FLOOR MOUNTED SUPPORTS WITH RECTANGULAR STRUCTURAL STEEL UPRIGHTS UTILIZING HEAVY-DUTY CAST IRON FEET BOLTED TO FLOOR AND HEAVY-DUTY CAST IRON SUPPORT HEADERS.
2. FLOOR AND HUB DRAINS IN RESTROOMS, MECHANICAL ROOM, DRAINS WHICH RECEIVE HVAC UNIT CONDENSATE AND DRAINS NOT FREQUENTLY USED SHALL HAVE AN AUTOMATIC TRAP PRIMER ACTIVATED BY A DROP IN BUILDING WATER PRESSURE. TRAP PRIMER SHALL BE LOCATED DIRECTLY BEHIND A 10" X 10" FLUSH ACCESS PANEL WITH LOCATION SUBJECT TO ARCHITECT'S APPROVAL. ACCESS PANEL LOCATIONS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION. ARCHITECT MAY RELOCATE ACCESS PANELS WITHOUT ADDITIONAL COST.
3. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS AND LOCATIONS OF HANDICAPPED (ADA) FIXTURES. CONTRACTOR SHALL COORDINATE ADA REQUIREMENTS WITH ARCHITECT PRIOR TO INSTALLATION OF FIXTURE. CONTRACTOR SHALL PROVIDE ADA FIXTURES AS SHOWN ON BOTH THE PLUMBING AND ARCHITECTURAL DRAWINGS.
4. FLUSH VALVE FOR HANDICAPPED FIXTURES SHALL BE INSTALLED WHERE HANDLE FACES INTO OPEN AREA WITHIN STALL.
5. CONTRACTOR SHALL PROVIDE FLEXIBLE MOLDED INSULATION ON P-TRAPS, WATER SUPPLY PIPING AND VALVES SERVING ADA FIXTURES.
6. CONTRACTOR SHALL PROVIDE OFFSET P-TRAPS FOR ADA FIXTURES.
7. CONTRACTOR SHALL PROVIDE ALL FIXTURES SHOWN ON ARCHITECTURAL, KITCHEN CONSULTANT, OWNER FURNISHED AND PLUMBING DRAWINGS UNLESS OTHERWISE NOTED.
8. CONTRACTOR SHALL FURNISH AND INSTALL ON EACH FIXTURE CHROME PLATED BRASS P-TRAPS, NIPPLES WITH ESCUTCHEON, CHROME PLATED BRASS ANGLE SUPPLY WITH CHROME PLATED FLEXIBLE RISERS WITH NIPPLES AND CHROME PLATED CAST SET-SCREW ESCUTCHEONS.
9. CONTRACTOR SHALL PROVIDE ALL NECESSARY FITTINGS, PIPING SUPPORTS, ETC. TO INSTALL EACH PLUMBING FIXTURE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND TO COMPLY WITH LOCAL CODES AND STANDARDS.



05 WATER PIPING DIAGRAM

KITCHEN AREA

SEE SHEET "P2" FOR " ○ " PLAN NOTES

SEE SHEET "P3" FOR ⬭ PLUMBING FIXTURE SCHEDULE

PLUMBING LEGEND

CD	CONDENSATE LINE
G	GAS LINE
SS	SANITARY SEWER LINE
GW	GREASE WASTE LINE
CW	COLD WATER
HW	HOT WATER
V	VENT LINE
FIL	FILTERED WATER
D	DRAIN LINE

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GRAPEVINE, TX

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PLUMBING SCHEDULES AND DETAILS

STATE OF TEXAS
J. V. SCHULTES
34938
REGISTERED
PROFESSIONAL ENGINEER
11/7/01

Date
11/21/2001

Revisions

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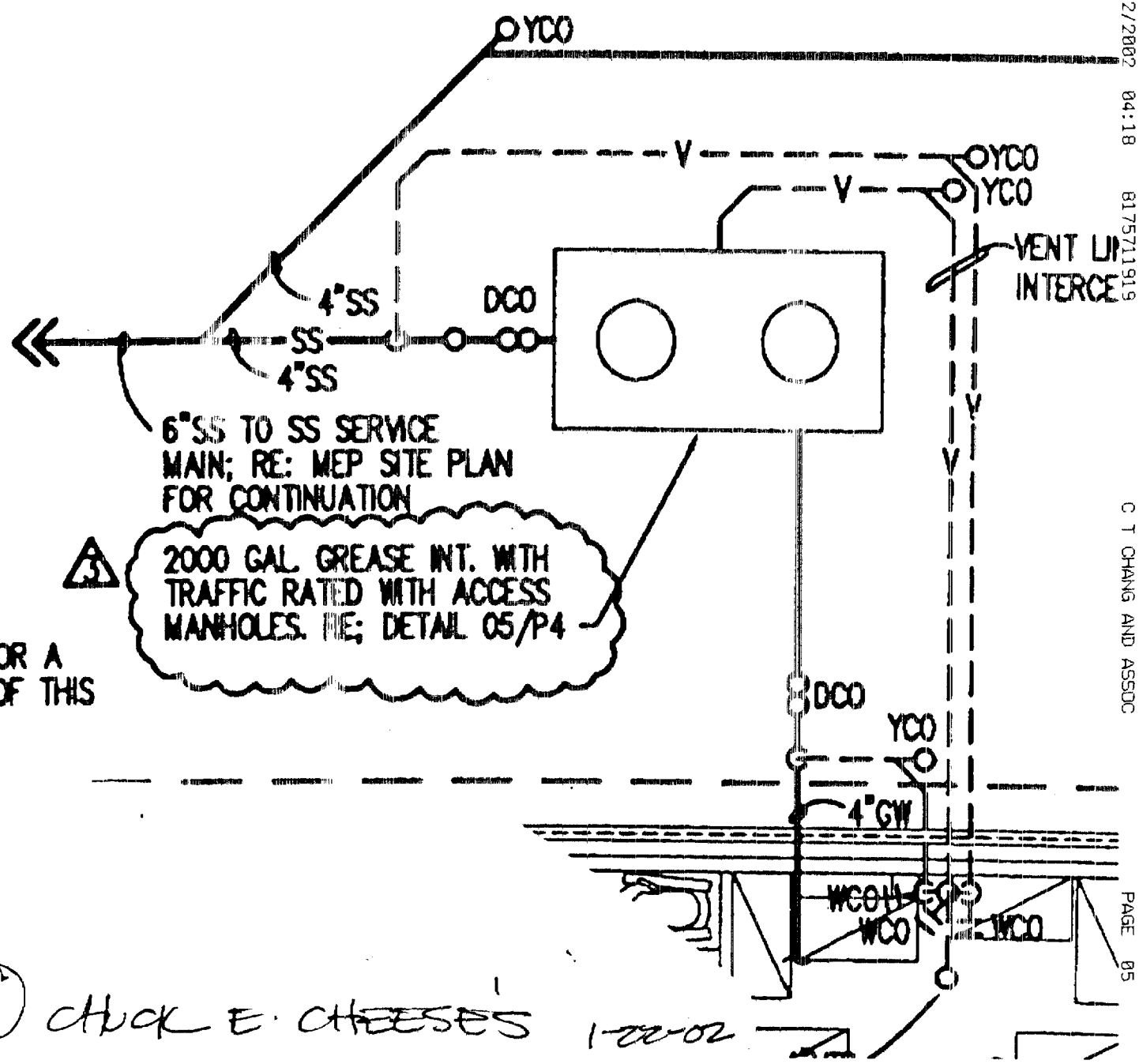

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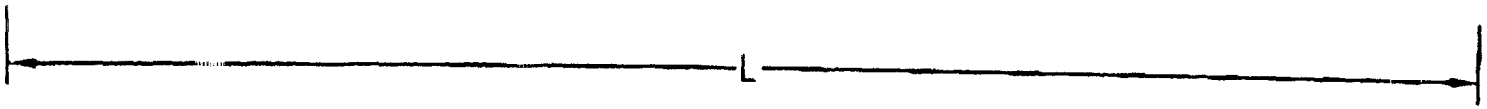


05 GREASE INTERCEPTOR DETAIL

NO SCALE

NOTE: COMPLY WITH 2000 UPC FOR CONSTRUCTION & INSTALLATION OF GREASE INTERCEPTOR, VENTS AND SAMPLE WELL. 3

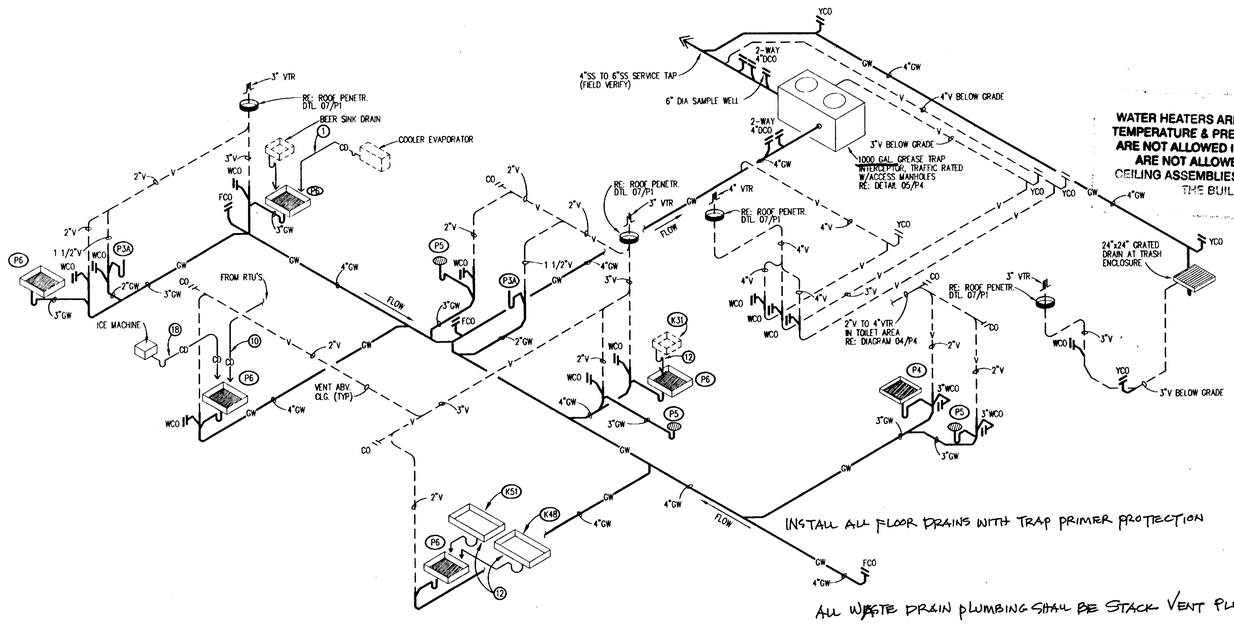
GREASE TRAP SERIES GT

USE 2000 GALLON CAPACITY 3

GREASE INTERCEPTOR SCHEDULE

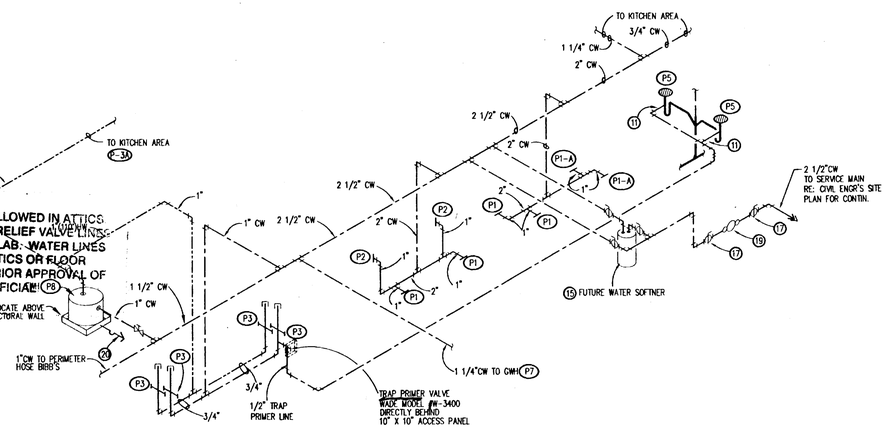
MODEL NO.	CAPACITY USGal	GREASE CAP.(LBS)	EMPTY WT.(LBS)	LENGTH L	WIDTH W	HEIGHT H	INLET FL1	OUTLET FL2
GT-500	500	1,200	7,000	7'-0"	4'-4"	4'-6"	3'-3"	3'-0"
GT-750	750	4,900	10,000	7'-10"	4'-4"	6'-0"	4'-5"	4'-2"
GT-1000	1000	6,600	13,200	8'-8"	5'-0"	6'-0"	4'-9"	4'-6"
GT-1500	1500	10,300	20,000	9'-2"	5'-8"	7'-0"	5'-10"	5'-7"
GT-2000	2000	15,000	24,000	13'-0"	7'-0"	6'-0"	4'-9"	4'-6"

01/22/2002 04:18 8175711919 C T CHANG AND ASSOC PAGE 06



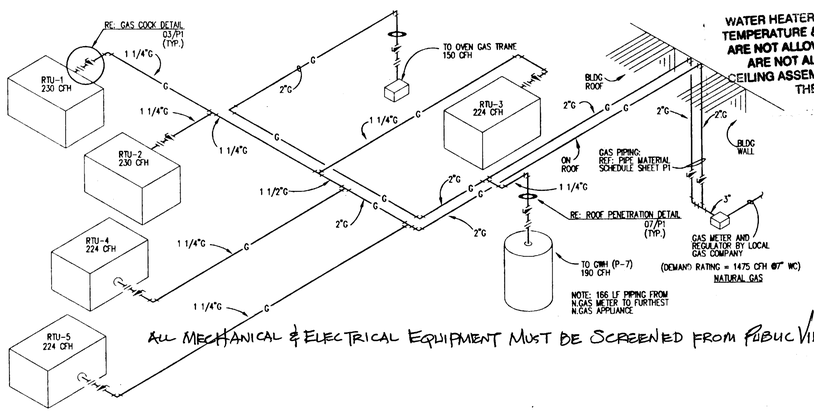
01 SOIL, WASTE & VENT PIPING DIAGRAM

NO SCALE **KITCHEN AREA** SEE SHEET P2 FOR ⬡ PLAN NOTES
SEE SHEET P3 FOR FIXTURE SCHEDULE



02 WATER DISTRIBUTION DIAGRAM

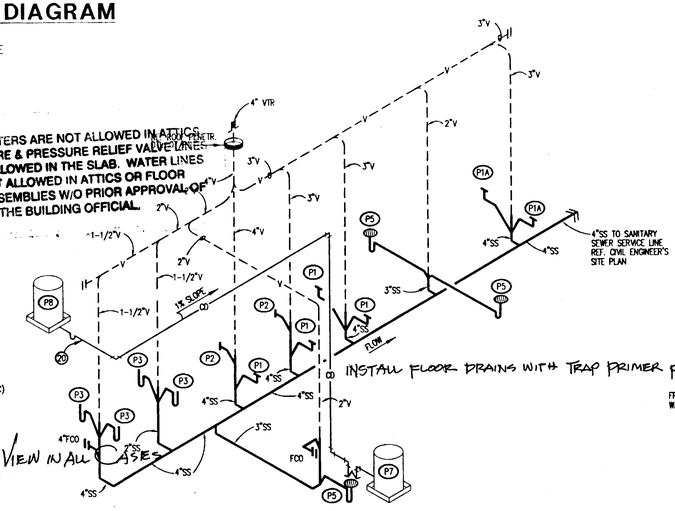
NO SCALE **TOILET AREA** SEE SHEET P2 FOR ⬡ PLAN NOTES
SEE SHEET P3 FOR FIXTURE SCHEDULE



ALL MECHANICAL & ELECTRICAL EQUIPMENT MUST BE SCREENED FROM PUBLIC VIEW IN ALL CASES

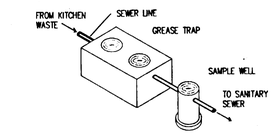
03 GAS PIPING RISER DIAGRAM

NO SCALE



04 SOIL, WASTE & VENT PIPING DIAGRAM

NO SCALE **TOILET AREA** SEE SHEET P2 FOR ⬡ PLAN NOTES
SEE SHEET P3 FOR FIXTURE SCHEDULE

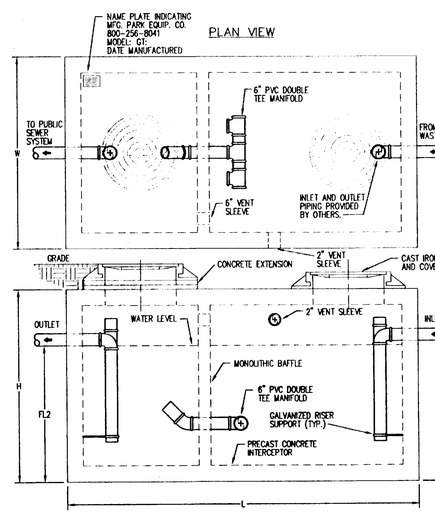


SPECIFICATIONS

CONCRETE: CLASS 1 CONCRETE WITH DESIGN STRENGTH OF 4500 PSI AT 28 DAYS. UNIT IS MONOLITHIC CONSTRUCTION AT FLOOR, FIRST STAGE OF WALL AND BAFFLE WITH SECTIONAL RISER TO REQUIRED DEPTH. (MONOLITHIC BAFFLE REQUIRED, SLIDE TYPE IS NOT ACCEPTABLE)

REINFORCEMENT: GRADE 60 REINFORCED WITH STEEL REBAR CONFORMING TO ASTM A615 ON REQUIRED CENTERS OR EQUAL.

C.I. CASTINGS: MANHOLE FRAMES, COVERS OR GRATES ARE MANUFACTURED OF GRAY CAST IRON CONFORMING TO ASTM A48-76 CLASS 30. MANHOLE SHALL BE NOMINAL 24 INCH DIAMETER AND BE TRAFFIC DUTY.



05 GREASE INTERCEPTOR DETAIL

NO SCALE

NOTE: COMPLY WITH 2000 UPC FOR CONSTRUCTION & INSTALLATION OF GREASE INTERCEPTOR, VENTS AND SAMPLE WELL.

GREASE TRAP SERIES GT
USE 1000 GALLON CAPACITY

GREASE INTERCEPTOR SCHEDULE

MODEL NO.	CAPACITY USGal	GREASE CAP.(LBS)	EMPTY WT.(LBS)	LENGTH L	WIDTH W	HEIGHT H	INLET I(L)	OUTLET O(L)
GT-500	500	1,200	7,000	7'-0"	4'-4"	4'-6"	5'-3"	5'-3"
GT-750	750	4,800	10,000	7'-10"	4'-4"	5'-0"	4'-5"	4'-5"
GT-1000	1000	6,600	13,200	8'-8"	5'-0"	5'-0"	4'-6"	4'-6"
GT-1500	1500	10,300	20,000	9'-2"	5'-8"	7'-0"	4'-6"	4'-6"
GT-2000	2000	15,000	24,000	13'-0"	7'-0"	6'-0"	4'-6"	4'-6"
GT-2500	2500	17,500	27,000	13'-0"	7'-0"	7'-0"	5'-6"	5'-6"
GT-3000	3000	21,400	30,000	13'-0"	7'-0"	8'-0"	6'-6"	6'-6"
GT-3500	3500	24,000	33,000	13'-0"	7'-0"	9'-0"	7'-6"	7'-6"
GT-4000	4000	28,400	36,000	13'-0"	7'-0"	10'-0"	8'-6"	8'-6"

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET OF
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE
BY
BUILDING INSPECTION DIVISION
RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY
ALL CHANGES MUST BE APPROVED

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GRAPEVINE MILLS MALL
GRAPEVINE, TX
C.E.C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

PLUMBING DIAGRAMS

STATE OF TEXAS
J. V. SCHULTES
34938
REGISTERED
PROFESSIONAL ENGINEER
11-17-01

Date
11/21/2001

Revisions

Project Number
CHANGE-854

Sheet Number
P4
of 4

EXHAUST FANS

NOTES: 1. PROVIDE STEEL ANGLE FRAMES UNDER EACH ROOF "PATE" CURB. ANGLES ARE TO BE WELDED TO STEEL JOISTS, TYP. FOR ALL FANS.
2. REF. SHEET M2 FOR DETAILS

DESIG	SERVICE	LOCATION	CFM	S.P. (IN. WG.)	MAX FAN RPM	MOTOR DATA			TYPE	MFGR./ MODEL No.	REMARKS:
						DRIVE	HP	VOLTS/PH			
HEF-1	PIZZA OVEN	ROOF	2400	0.75	882	BELT	1.0	120/1	EXHAUST UPBLAST	CAPTIVE AIRE #NCA16Bft	1 THRU 4, 5(1), 7 THRU 12
MAF-1	PIZZA OVEN	ROOF	1440	0.25	670	BELT	1/3	120/1	CENTR. ROOF INTAKE	CAPTIVE AIRE #NASU.1-G10	1 THRU 4, 7
EF-1	TOILET EXHAUST	ROOF	1200	0.5	1625	DIRECT	1/3	120/1	EXHAUST UPBLAST	CAPTIVE AIRE #CAD 18E	1 THRU 4, 6(3)
EF-2	DISHWASHER	ROOF	600	0.5	1050	DIRECT	1/4	120/1	EXHAUST UPBLAST	CAPTIVE AIRE #CDU135RGGH	1 THRU 4, 12 WITH SRC SPEED CONTROLLER

ACCESSORIES:
1. ROOF CURB
2. WP SAFETY DISCONNECT SWITCH
3. BIRD SCREEN
4. BACK DRAFT DAMPER
5. INTERLOCK W/MAF(#)
6. INTERLOCKING W/ RTU-(#)
7. FILTER
8. HIGH HEAT OPERATION (400F)
9. GREASE CLASSIFICATION RATED
10. CSA APPROVED
11. GREASE CUP & HINGED FAN
12. VENTED ROOF CURB
13. SECURITY GRILLE
14. INTERLOCK WITH THERMOSTAT

GRILLES - REGISTERS - DIFFUSERS

DESIG	DUTY	TYPE	MOUNTING LOCATION*	MATERIAL	VOLUME CONTROL	FINISH	AIR PATTERN CONTROL	METHOD OF SUPPORT	REMARKS:
A	CEILING SUPPLY	SQUARE LOUVER	LAY-IN CEILING	ALUMINUM	NO	OFF WHITE	--	T-BAR	TITUS TMSA 24"x24"
B	R.A. GRILLE	LOUVERED	LAY-IN CEILING	ALUMINUM	NO	OFF WHITE	--	T-BAR	TITUS 50F 24"x24"
C	REGISTER	LOUVERED	WALL CEILING	ALUMINUM	OBD	OFF WHITE	--	SURFACE	TITUS 272FL; SIZE PER PLAN
D	CEILING SUPPLY	SQUARE LOUVER	LAY-IN CEILING	ALUMINUM	NO	OFF WHITE	--	T-BAR	TITUS TMSA 12"x12"

NOTE: TYPE "A" NECK SIZE SHALL BE:
0-250 CFM 8" DIAMETER NECK
251-425 CFM 10" DIAMETER NECK
426-600 CFM 12" DIAMETER NECK
601-750 CFM 14" DIAMETER NECK

NOTES: A. VERIFY FRAME STYLE WITH ARCHITECTURAL REFLECTIVE CEILING PLAN AND/OR WALL SYSTEM.
B. PROVIDE ACCESS PANEL TO VOLUME CONTROL DAMPER IF OTHER THAN LAY-IN CEILING.
C. PATTERN SHALL BE 4-WAY, UNLESS NOTED ON PLANS.

ROOF TOP HVAC UNIT SCHEDULE

MARK	LOCATION	COOLING CAPACITY @ 105 DEGREES F AMB			ELECTRICAL						MAKE & MODEL NUMBER
		SENS MBH	TOTAL MBH	EWB DEGREE F	COMP RLA	COMP LRA	O.FAN FLA	I. FAN FLA	VOLT/PH	MCA / MOCP	CARRIER
RTU-1	SKILLS	138	182	67	61	266	1.7/EA(3)	10.5/EA(2)	208V 3 PH	96 / 110	48TJD016 (EER = 8.6) 15 TONS
RTU-2	KIDDIE	118	162	67	61	266	1.7/EA(3)	10.5/EA(2)	208V 3 PH	96 / 110	48TJD016 (EER = 8.6) 15 TONS
RTU-3	SERVICE / KITCHEN	118	142	67	23/EA(2)	142/EA	1.4/EA(2)	15	208V 3 PH	51 / 60	48TJD014 (EER = 9.0) 12.5 TONS
RTU-4	SHOWROOM	110	145	67	23/EA(2)	142/EA	1.4/EA(2)	15	208V 3 PH	60 / 70	48TJD014 (EER = 9.0) 12.5 TONS
RTU-5	SHOWROOM	110	145	67	23/EA(2)	142/EA	1.4/EA(2)	15	208V 3 PH	60 / 70	48TJD014 (EER = 9.0) 12.5 TONS
		107									

MARK	HEATING (NATURAL GAS)		AIR					WEIGHT	COMMENTS
	INPUT MBH	OUTPUT MBH	SUPPLY CFM	BLOWER HP	ESP IN. WG.	VENT. CFM	POWER EXH. CFM	LBS.	
RTU-1	230	186	7200	5.5	1.0	800	------	2300	ACCESSORIES 1-14, 16
RTU-2	230	186	4800	5	1.0	1700	------	2300	ACCESSORIES 1-14, 16
RTU-3	224	179	5300	5	1.0	500	------	1300	ACCESSORIES 1-14
RTU-4	224	179	5000	5	1.0	2000	1300	1400	ACCESSORIES 1-15
RTU-5	224	179	5000	5	1.0	2000	1300	1400	ACCESSORIES 1-15

ACCESSORIES:
1. WEATHERPROOF FUSED DISCONNECT SWITCH.
2. 0-100% ECONOMIZERS WITH ENTHALPY CONTROL. USE JOHNSON ECONOMIZERS ON UNITS 12.5 TONS AND SMALLER. USE DURABLE ECONOMIZERS ON UNITS 15 TONS AND LARGER.
3. HI-LO PRESSURE SWITCH
4. BAROMETRIC RELIEF DAMPER.
5A. THRU-CURB CONNECTIONS KIT FOR POWER & CONTROL CIRCUITS:
#CRBT-MPWR001A00 FOR 48TJD04-007.
#CRBT-MPWR002A00 FOR 48TJD08-014.
5B. USE CONDENSATE TAP BELOW RTU & RUN DRAIN LINE TO CEILINGS AREA WITHIN ROOF CURB. RE: DTL 02/P1.
6. TWO STAGE GAS VALVE.
7. ELECTRIC SPARK IGNITION & GAS REGULATOR FOR OPERATING PRESSURES OF 5" MINIMUM & 14" MAXIMUM.
8. PROVIDE WITH FACTORY PRE-FABRICATED FLAT ROOF CURBS. VERIFY WITH MECHANICAL CONTRACTOR THAT SLOPED CURBS ARE NOT REQUIRED.
9. OVERSIZED EVAPORATOR MOTOR TO MEET CFM/STATIC PRESSURE REQMTS.
10. SMOKE DETECTOR (INSTALLED PER LOCAL CODE).
11. REMOTE TEMP. SENSOR TO CENTRAL THERMOSTAT PANEL LOCATE IN OFFICE. REF: HVAC CONTOL PANEL DIAGRAM; SHEET M2.
12. ONE EXTRA SET OF FARR 30/30 TAF'S PROVIDED IN RTU'S PRIOR TO OWNER TAKEOVER.
13. WARRANTIES: STANDARD FACTORY 5-YEAR COMPRESSOR WARRANTY AND 5-YEAR HEAT EXCHANGER WARRANTY.
14. CEC, INC. HAS EXCLUSIVE USAGE AGREEMENT FOR CARRIER CORP. HVAC PRODUCTS FOR EQUIPMENT AVAILABILITY INFORMATION OR JOB SITE COORDINATION, CONTACT LORRAINE SMITH OR BILL JACKSON AT (800) 650-1081.
15. POWER EXHAUST. MANUFACTURER MAY REQUIRE 24 INCH ROOF CURB FOR THIS UNIT. INSTALL MICROMETL TURBO-AIRE MODULATING POWER EXHAUST OR EQUAL, IF POWER EXHAUST OPTION UNAVAILABLE.
16. SERVICE OPTION PACKAGE W/ HINGED ACCESS PANELS, DISC. SWITCH & GFI RECEPTACLE.

AIR BALANCE TABULATION

SKILLS, KIDDIE, SERVICE, SHOWROOM DINING

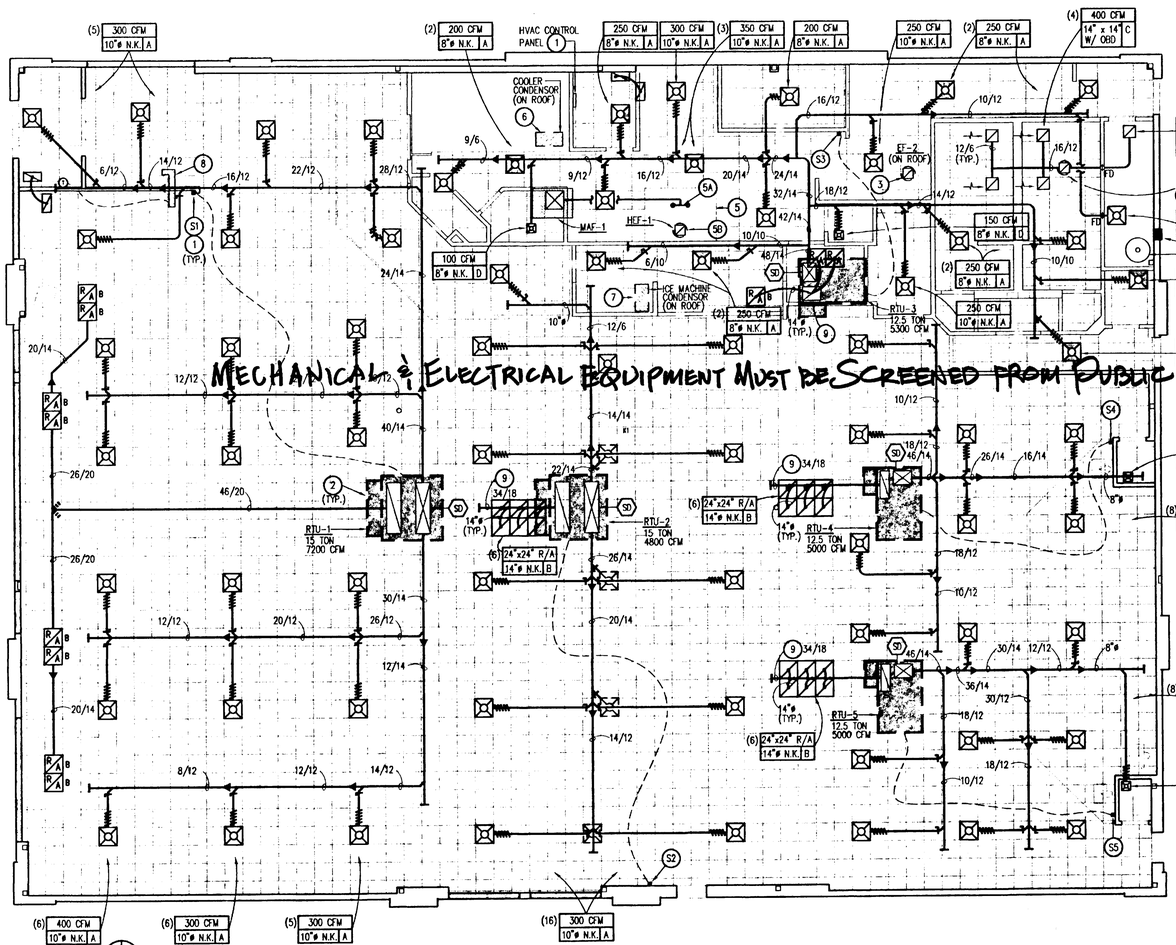
UNIT NO.	SUPPLY CFM	O.A.	EXHAUST
RTU-1	7200	800	--
RTU-2	4800	1700	--
RTU-4	5000	2000	1300
RTU-5	5000	2000	1300
EF-1	--	--	1200
SUB-TOTAL	22000	6500	3900

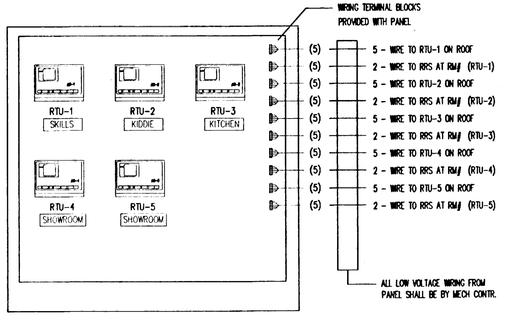
KITCHEN

UNIT NO.	SUPPLY CFM	O.A.	EXHAUST
RTU-3	5300	500	--
EF-2	--	--	600
HEF-(OVEN)	--	--	2400
MAF(OVEN)	--	1440	--
SUB-TOTAL	5300	1940	3000

AIR BALANCE SUMMARY

AREA	O.A.	EXHAUST
DINING	6500	3900
KITCHEN	1940	3900
TOTAL	8,440	6,900 (+1540)





NOTES:

1. THE PANEL SHOWN ABOVE SHALL BE PROVIDED BY THE INSTALLING CONTRACTOR WITH THERMOSTATS PROVIDED BY CARRIER CORPORATION. THE INSTALLING CONTRACTOR SHALL MOUNT THE THERMOSTATS IN THE FIELD SUPPLIED PANEL WHICH SHALL BE LOCATED IN THE MANAGER'S OFFICE. EACH THERMOSTAT SHALL BE CLEARLY MARKED FOR THE RTU UNIT WHICH IT CONTROLS BY THE INSTALLING CONTRACTOR.
2. THERMOSTATS SHALL BE CARRIER MODEL (33CSPTH-02) WITH AUTOMATIC CHANGEOVER, 2 STAGES HEATING, TWO STAGES OF COOLING, AND SEVEN DAY NIGHT SET BACK WITH TIMEGUARD FUNCTION. REMOTE SENSOR SHALL BE MODEL (ZONECCORRS01). CONTROLS ARE TO BE WIRED FOR LOCAL CONTROL AND MONITORING ONLY.
3. ALL CONTROL THERMOSTATS, WIRING CONNECTIONS AND PANEL TO BE PROVIDED BY THE CONTROL MANUFACTURER AND SHALL BE PRE WIRED FOR LOCAL CONTROL MONITORING ONLY.

HVAC CONTROL PANEL DIAGRAM

ALL HVAC UNITS WILL BE IDENTIFIED AND THE INFORMATION SUPPLIED TO THE CEC ENTERTAINMENT, INC. MAINTENANCE DEPARTMENT. USE MICARTA ETCHED LABELS SCREWED TO EQUIPMENT.

THE FOLLOWING INFORMATION WILL BE FURNISHED:

UNIT#: _____

MAKE: _____

MODEL#: _____

SERIAL#: _____

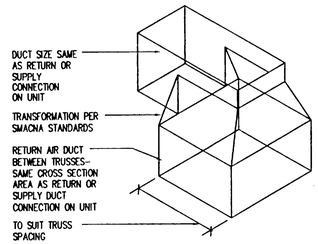
IN SERVICE DATE: _____

A/C TONNAGE: _____

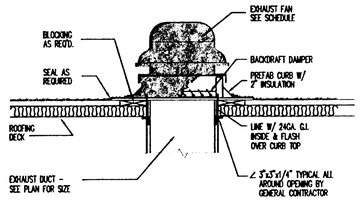
POWER REQUIREMENTS: _____

GAS, ELECTRIC, OR HEAT PUMP

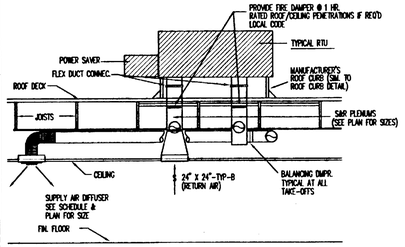
THE UNIT NUMBER CAN BE DETERMINED BY THE HVAC CONTRACTOR. THIS IS DETERMINED BY THE NUMBER OF HVAC UNITS AR THE RESTAURANT. IF THERE ARE 5 UNITS, THEY ARE LISTED 1 – 5.



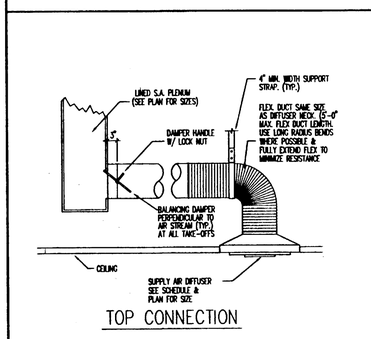
02 DUCT ADAPTOR PLENUM
NOT TO SCALE



01 EXHAUST FAN DETAIL
NO SCALE



02 SECTION AT TYPICAL RTU.
NO SCALE



TOP CONNECTION

03 BRANCH DUCT DETAIL
NO SCALE

MANDATORY REQUIREMENTS

Ⓘ REQUIREMENTS FOR VENTILATION.

(A) GENERAL REQUIREMENTS

1. ALL ENCLOSED SPACES IN A BUILDING THAT ARE NORMALLY USED BY HUMANS SHALL BE VENTILATED IN ACCORDANCE WITH THE REQUIREMENTS OF THIS SECTION.
2. THE OUTDOOR AIR VENTILATION RATE AND AIR DISTRIBUTION ASSUMPTIONS MADE IN THE DESIGN OF THE VENTILATING SYSTEM SHALL BE CLEARLY IDENTIFIED ON THE PLANS.

(B) DESIGN REQUIREMENTS FOR MINIMUM QUANTITIES OF OUTDOOR AIR. EVERY SPACE IN A BUILDING SHALL BE VENTILATED AS FOLLOWS:

2. MECHANICAL VENTILATION. EACH SPACE THAT IS NOT NATURALLY VENTILATED UNDER 1. SHALL BE VENTILATED WITH A MECHANICAL SYSTEM CAPABLE OF PROVIDING AN OUTDOOR AIR RATE OF:

A. 15 CFM PER PERSON, TIMES THE EXPECTED NUMBER OF OCCUPANTS (WHICH, FOR SPACES WITHOUT FIXED SEATING, SHALL BE NO LESS THAN ONE HALF THE OCCUPANT DENSITY PER UBC, TIMES THE AREA OF THE SPACE).

EXCEPTION 1: TRANSFER AIR. THE RATE OF OUTDOOR OF OUTDOOR AIR REQUIRED MAY BE PROVIDED WITH AIR TRANSFERRED FROM OTHER VENTILATED LIKE USE SPACES, IF:

I. NONE OF THE SPACES FROM WHICH AIR IS TRANSFERRED HAVE ANY UNUSUAL SOURCES OF INDOOR AIR CONTAMINANTS; AND

II. ENOUGH OUTDOOR AIR IS SUPPLIED TO ALL SPACES COMBINED TO MEET THE REQUIREMENTS FOR EACH SPACE INDIVIDUALLY.

(B) OPERATION AND CONTROL REQUIREMENTS FOR MINIMUM QUANTITIES OF OUTDOOR AIR.

1. TIMES OF OCCUPANCY. THE MINIMUM RATE OF OUTDOOR AIR REQUIRED SHALL BE SUPPLIED TO EACH SPACE AT ALL TIMES WHEN THE SPACE IS USUALLY OCCUPIED.

2. PRE-OCCUPANCY. THE MINIMUM RATE OF OUTDOOR AIR OF THREE COMPLETE AIR CHANGES, WHICHEVER IS LESS, SHALL BE SUPPLIED TO THE ENTIRE BUILDING DURING THE ONE HOUR PERIOD IMMEDIATELY BEFORE THE BUILDING IS NORMALLY OCCUPIED.

(C) DESIGN AND CONTROL REQUIREMENTS FOR QUANTITIES OF OUTDOOR AIR. ALL MECHANICAL VENTILATION AND SPACE CONDITIONED SYSTEMS SHALL BE FURNISHED WITH AN INSTALLED DUCT WORK, DAMPERS, AND CONTROLS TO ALLOW OUTSIDE AIR RATES TO BE OPERATED AT THE RATE REQUIRED FOR MAKE UP OF EXHAUST SYSTEMS THAT ARE REQUIRED FOR A PROCESS, FOR CONTROL OF ODORS, OR FOR THE REMOVAL OF CONTAMINANTS WITHIN THE SPACE.

(D) COMPLETION AND BALANCING. BEFORE AN OCCUPANCY PERMIT IS GRANTED FOR A NEW BUILDING OR SPACE, OR A NEW SPACE CONDITIONING OR VENTILATING SYSTEM SERVING A BUILDING OR SPACE IS OPERATED FOR NORMAL USE, ALL VENTILATION SYSTEMS SERVING THE BUILDING OR SPACE SHALL BE DOCUMENTED BY INDEPENDENT TESTING FIRM, APPROVED BY CEC. ENTERTAINMENT TO PROVIDE THE MINIMUM VENTILATION RATE SPECIFIED AS DETERMINED USING ONE OF THE FOLLOWING PROCEDURES:

1. BALANCING. THE SYSTEM SHALL BE BALANCED IN ACCORDANCE WITH THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB) PROCEDURAL STANDARDS (1983) OR ASSOCIATED AIR BALANCE COUNCIL (AABC) NATIONAL STANDARDS (1986); OR

2. OUTSIDE AIR CERTIFICATION. THE SYSTEM SHALL PROVIDE THE MINIMUM OUTSIDE AIR AS SHOWN ON THE MECHANICAL DRAWINGS, AND SHALL BE MEASURED BY THE INSTALLING LICENSED MECHANICAL CONTRACTOR AND CERTIFIED BY (1) THE DESIGN MECHANICAL ENGINEER, (2) THE INSTALLING LICENSED MECHANICAL CONTRACTOR, OR (3) THE PERSON WITH OVERALL RESPONSIBILITY FOR THE DESIGN OF THE VENTILATION SYSTEM; OR

3. OUTSIDE AIR MEASUREMENT. THE SYSTEM SHALL BE EQUIPPED WITH A CALIBRATED LOCAL OR REMOTE DEVICE CABABLE OF MEASURING THE QUANTITY OF OUTSIDE AIR ON A CONTINUOUS BASIS AND DISPLAYING THAT QUANTITY ON A READILY ACCESSIBLE DISPLAY DEVICE.

Ⓘ: REQUIRED CONTROLS FOR SPACE CONDITIONING SYSTEMS.

(A) THERMOSTATIC CONTROLS FOR EACH ZONE. THE SUPPLY OF HEATING AND COOLING ENERGY TO EACH SPACE CONDITIONING ZONE OR DWELLING UNIT SHALL BE CONTROLLED BY AN INDIVIDUAL THERMOSTATIC CONTROL THAT RESPONDS TO TEMPERATURE WITHIN THE ZONE.

(B) CRITERIA FOR ZONAL THERMOSTATIC CONTROLS. THE INDIVIDUAL THERMOSTATIC CONTROLS REQUIRED BY SUBSECTION (A) SHALL MEET THE FOLLOWING REQUIREMENTS AS APPLICABLE:

1. WHERE USED TO CONTROL COMFORT HEATING, THE THERMOSTATIC CONTROLS SHALL BE CAPABLE OF BEING SET, LOCALLY OR REMOTELY, BY ADJUSTMENT OR SELECTION OF SENSORS, DOWN TO 55°F OR LOWER.
2. WHERE USED TO CONTROL COMFORT COOLING, THE THERMOSTATIC CONTROLS SHALL BE CAPABLE OF BEING SET, LOCALLY OR REMOTELY, BY ADJUSTMENT OR SELECTION OF SENSORS, UP TO 85°F OR HIGHER.
3. WHERE USED TO CONTROL BOTH COMFORT HEATING AND COMFORT COOLING, THE THERMOSTATIC CONTROLS SHALL MEET 1. AND 2. AND SHALL BE CAPABLE OF PROVIDING A TEMPERATURE RANGE OR DEAD BAND OF AT LEAST 5°F WITHIN WHICH THE SUPPLY OF HEATING AND COOLING ENERGY TO THE ZONE IS SHUT OFF OR REDUCED TO A MINIMUM.

(B) N/A

(C) N/A

(D) N/A

(E) SHUT OFF AND RESET CONTROLS FOR SPACE CONDITIONING SYSTEMS. EACH SPACE CONDITIONING SYSTEM SHALL BE INSTALLED WITH CONTROLS WITH 1. AND 2.:

1. THE CONTROL SHALL BE CAPABLE OF AUTOMATICALLY SHUTTING OFF THE SYSTEM DURING PERIODS OF NON USE AND SHALL HAVE:
   A. AN AUTOMATIC TIME SWITCH CONTROL DEVICE WITH AN ACCESSIBLE MANUAL OVERRIDE THAT ALLOWS OPERATION OF THE SYSTEM FOR UP TO 4 HOURS; OR
   B. AN OCCUPANCY SENSOR; OR
   C. A 4 HOUR TIMER THAT CAN BE MANUALLY OPERATED.
2. THE CONTROL SHALL AUTOMATICALLY RESTART AND TEMPORARILY OPERATE THE SYSTEM AS REQUIRED TO MAINTAIN:
   A. A SETBACK HEATING THERMOSTAT SETPOINT, IF THE SYSTEM PROVIDES MECHANICAL HEATING; AND
   B. A SETUP COOLING THERMOSTAT SETPOINT, IF THE SYSTEM PROVIDES MECHANICAL COOLING.

(F) DAMPERS FOR AIR SUPPLY AND EXHAUST EQUIPMENT. OUTDOOR AIR SUPPLY AND EXHAUST EQUIPMENT SHALL BE INSTALLED WITH DAMPERS THAT AUTOMATICALLY CLOSE DURING PERIODS OF NON USE OF THE AREAS SERVED BY THE EQUIPMENT.

(G) ISOLATION AREA DEVICES. EACH SPACE CONDITIONING SYSTEM SERVING MULTIPLE ZONES WITH A COMBINED CONDITIONED FLOOR AREA MORE THAN 25,000 SQUARE FEET SHALL BE INSTALLED, AND CONTROLLED TO SERVE ISOLATION AREAS.

1. EACH ZONE, OR ANY COMBINATION OF ZONES NOT EXCEEDING 25,000 SQUARE FEET, SHALL BE A SEPARATE ISOLATION AREA.
2. EACH ISOLATION AREA SHALL BE PROVIDED WITH ISOLATION DEVICES, SUCH AS VALVES OR DAMPERS, THAT ALLOW THE SUPPLY OF HEATING OR COOLING TO BE SETBACK OR SHUT OFF INDEPENDENTLY OF OTHER ISOLATION AREAS.

Ⓘ: REQUIREMENTS FOR PIPE INSULATION.

THE PIPING FOR ALL SPACE CONDITIONING AND SERVICE WATER HEATING SYSTEMS WITH FLUID TEMPERATURES LISTED IN TABLE 1 SHALL HAVE THE AMOUNT OF INSULATION SPECIFIED. INSULATION CONDUCTIVITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM C 335-84 AT THE MEAN TEMPERATURE LISTED IN TABLE NO. 1 AND SHALL BE ROUNDED TO THE NEAREST 1/100 BTU-INCH PER HOUR PER SQUARE FOOT PER °F. INSULATE ALL HOT & COLD WATER PIPING WITH GLASS FIBER TYPE (MIN. DENSITY OF 4.0 LB AND K-FACTOR OF 0.25) & MINIMUM THICKNESS SPECIFIED IN ASHRAE STD. 90.1-1989, UNLESS NOTED OTHERWISE.

EXCEPTION NO. 1: FACTORY INSTALLED PIPING WITHIN SPACE CONDITIONING EQUIPMENT

EXCEPTION NO. 2: PIPING THAT CONVEYS FLUIDS WITH A DESIGN OPERATING TEMPERATURE RANGE BETWEEN 60°F AND 105°F.

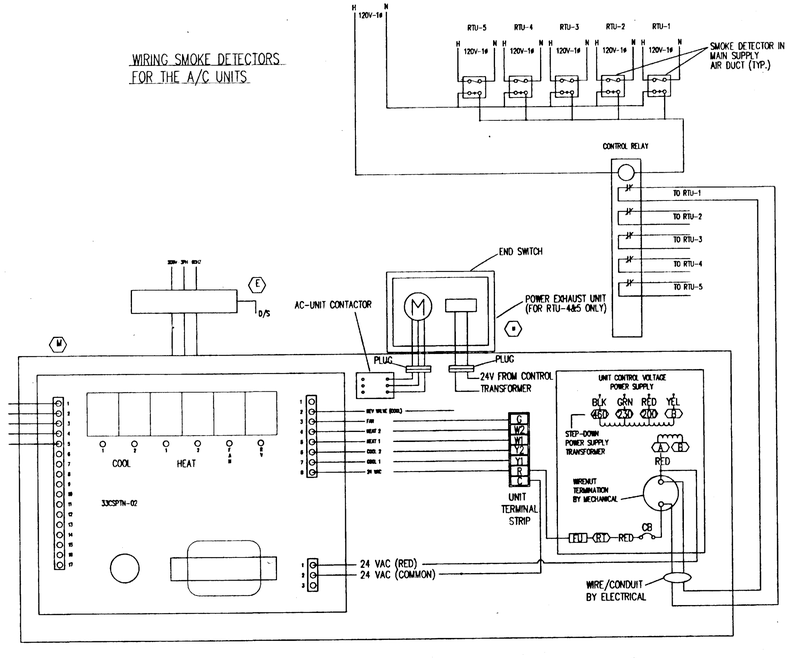
EXCEPTION NO. 3: PIPING THAT SERVES PROCESS LOADS, GAS PIPING, COLD DOMESTIC WATER PIPING, CONDENSATE DRAINS, VENTS, OR WASTE PIPING, UNLESS NOTED OTHERWISE.

EXCEPTION NO. 4: WHERE THE HEAT GAIN OR HEAT LOSS TO OR FROM PIPING WITHOUT INSULATION WILL NOT INCREASE BUILDING SOURCE ENERGY USE.

(A) FOR INSULATION WITH A CONDUCTIVITY IN THE RANGE SHOWN FOR THE APPLICABLE FLUID TEMPERATURE RANGE, THE INSULATION SHALL HAVE THE APPLICABLE THICKNESS SHOWN IN TABLE 1.

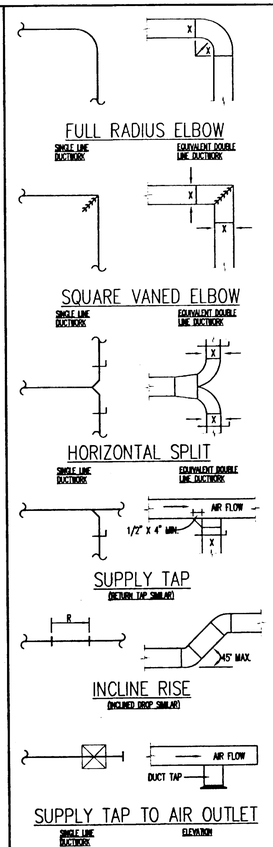
TABLE NO. 1
PIPE INSULATION THICKNESS

HEATING SYSTEMS FLUID TEMPERATURE RANGE, °F	CONDUCTIVITY RANGE (IN Btu-INCH PER HOUR PER SQUARE FOOT PER °F	INSULATION MEAN RATING TEMPERATURE °F	INSULATION THICKNESS REQUIRED (IN INCHES)
ABOVE 350	0.32-0.34	250	2.5
251-350	0.29-0.31	200	2.0
201-250	0.27-0.30	150	1.5
141-200	0.25-0.29	125	1.5
105-140	0.24-0.28	100	1.0

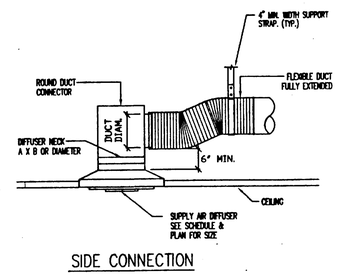


33CSPTN-02 RELAY PACK W/ SMOKE DETECTOR RELAY

NOTE: COORDINATE WITH CARRIER CORP. FOR ADDITIONAL SYSTEMS REQUIREMENTS/INFORMATION.

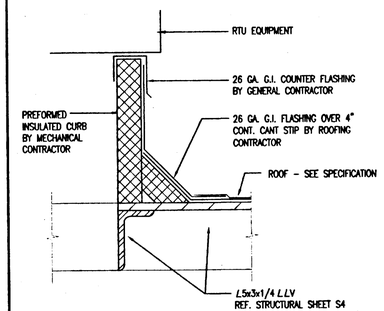


TYP. SUPPLY OR EXHAUST DUCT CONNECTION
NO SCALE

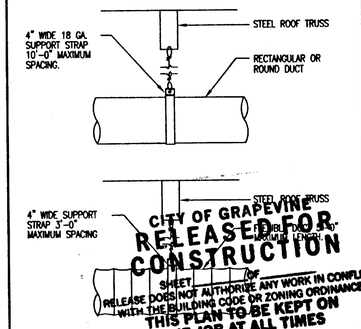


SIDE CONNECTION

04 BRANCH DUCT DETAIL
NO SCALE



05 MECH. UNIT ROOF CURB DETAIL
NO SCALE



06 DUCT SUPPORTS DETAIL
NOT TO SCALE

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#854

GRAPEVINE, TX

CHUCK E. CHEESE'S PIZZA.
GRAPEVINE MILLS MALL
GRAPEVINE, TX

C. E. C. ENTERTAINMENT, INC.
2441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

COMPLIANCE NOTES AND DETAILS

TEXAS
J. V. SCHULTES
34938
REGISTERED
PROFESSIONAL ENGINEER

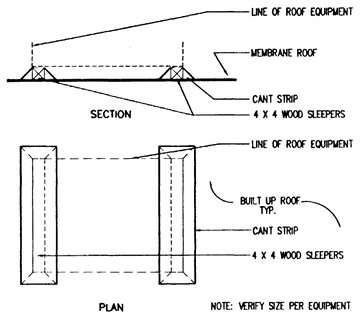
Date
11/21/2001

Revisions

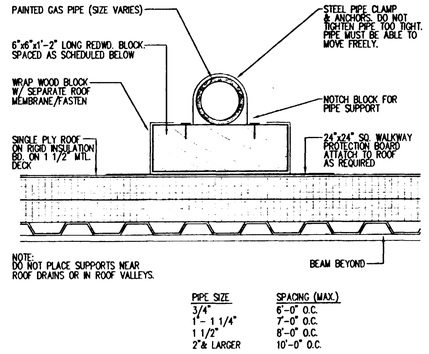
Project Number
98-854

Sheet Number
M2
of 3

02 NOT USED
NO SCALE

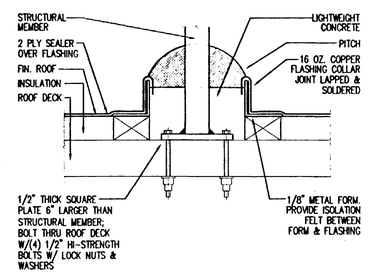


03 ROOF EQUIPMENT PAD DETAIL
SCALE: 1/2"=1'-0"

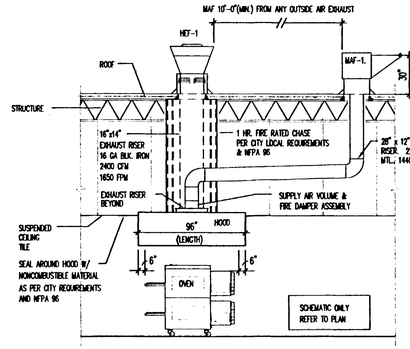


PIPE SIZE	SPACING (MAX.)
3/4"	6'-0" O.C.
1" - 1 1/4"	7'-0" O.C.
1 1/2"	8'-0" O.C.
2" & LARGER	10'-0" O.C.

03 GAS PIPE SUPPORT DETAIL
NOT TO SCALE

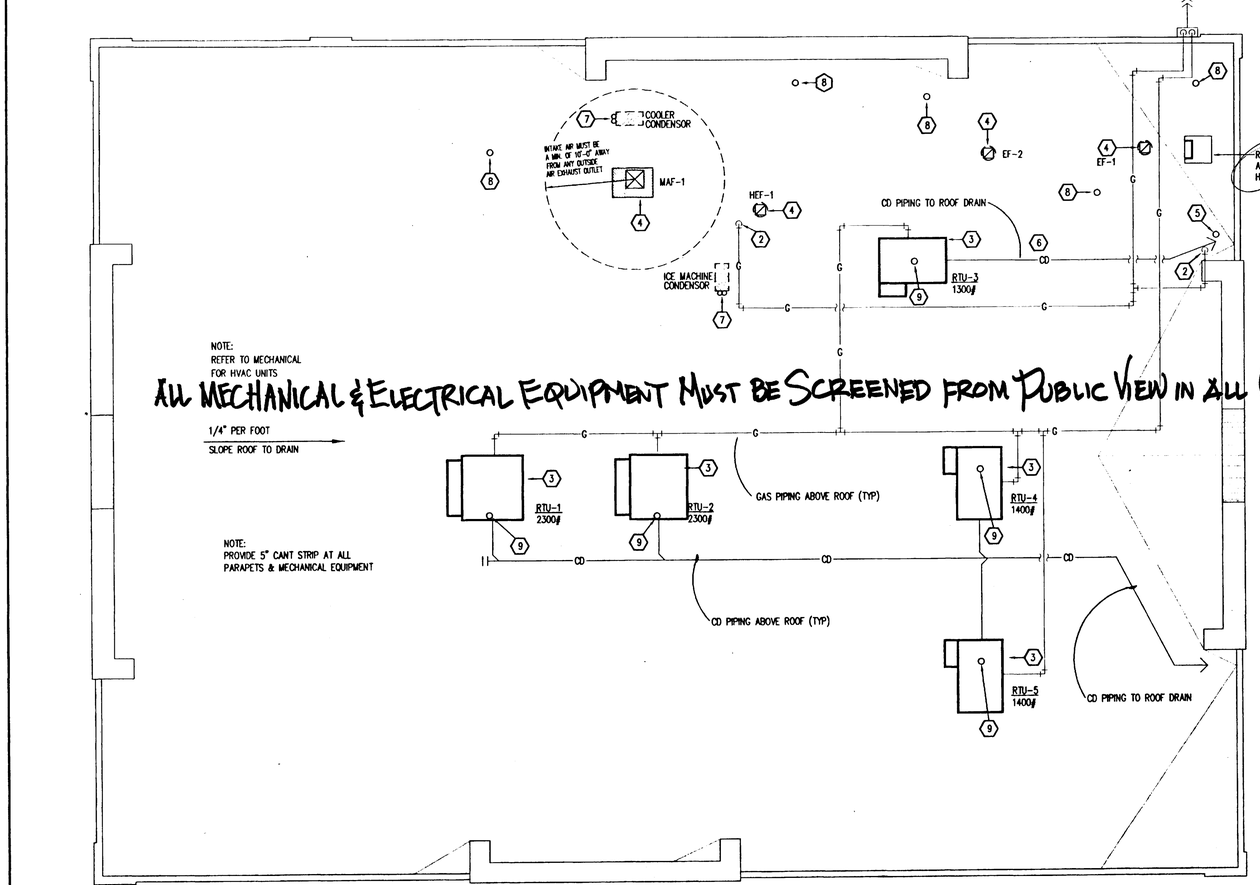


04 PITCH POCKET FOR ROOF SUPPORT DETAIL
NOT TO SCALE



05 FRONT VIEW - OVEN HOOD DETAIL
NOT TO SCALE

NOTE: CONSTRUCTION WITHIN 18" OF HOOD DUCT SHALL BE OF NON-COMBUSTIBLE OR 1 HOUR FIRE RESISTANT CONSTRUCTION.

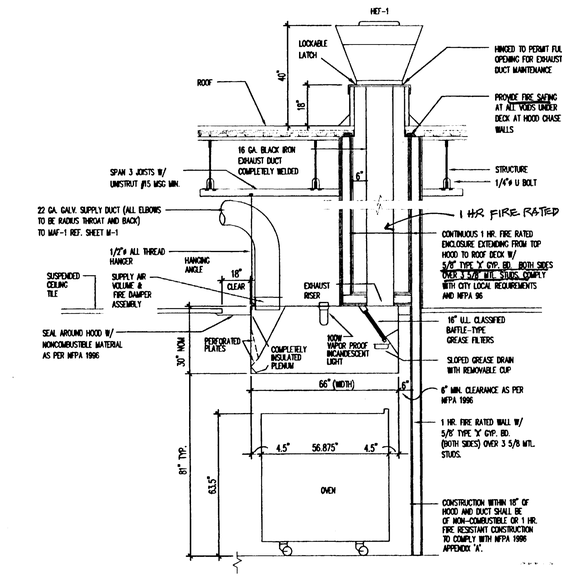


01 MECHANICAL ROOF PLAN
SCALE: 1/8" = 1'-0"

LEGEND

1	POWER SERVICE THRU ROOF CURB
2	GAS PIPE THRU ROOF; RE; DTL 07/P1
3	RTU ROOF CURB THRU ROOF; RE; DTL 05/M2
4	FAN DUCT THRU ROOF; RE; DTL 01/M2
5	WH GAS FLUE THRU ROOF
6	COMBUSTION AIR DUCT THRU ROOF
7	CONDENSER ELECT. & REFRIG. PIPING THRU ROOF; RE; DTL 07/P1
8	VENT PIPE THRU ROOF
9	RTU CONDENSATE LINE DOWN WITHIN ROOF CURB.

NOTES:
1. FOR EXACT RTU LOCATIONS ON ROOF, REFER TO STRUCTURAL.
2. CONTRACTOR SHALL PROVIDE REGULATORS AT ALL GAS FIRED RTU'S. SET REGULATORS TO 2 PSI DELIVERY PRESSURE.



06 SECTION VIEW - OVEN HOOD DETAIL
NOT TO SCALE

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET ____ OF ____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
THIS RELEASE DOES NOT APPLY TO CONSTRUCTION OR IMPROVEMENTS OR ON PUBLIC RIGHT-OF-WAY UNLESS SPECIFICALLY APPROVED.

KITCHEN EXHAUST HOOD NOTES

1. THE FOLLOWING EQUIPMENT SHALL BE SUPPLIED BY KITCHEN EQUIP. SUPPLIER AND INSTALLED BY THE MECHANICAL CONTRACTOR.
   A) STAINLESS STEEL OVEN HOOD WILL BE PRE PIPED FOR FIRE PROTECTION SYSTEM AND CEILING CLOSURE STRIP.
   B) EXHAUST FAN HEF-1 (2400 CFM) AND CURB. (UL LISTED UNDER YZXW, SUBJECT 762.)
   C) SUPPLY FAN MAF-1 (1440 CFM) AND CURB.
2. THE MECHANICAL CONTRACTOR SHALL RECEIVE THE ABOVE EQUIPMENT, UNCRATE, BE RESPONSIBLE FOR REPORTING DAMAGE RECEIVED DURING SHIPMENT, AND BE RESPONSIBLE FOR LOSS OR DAMAGE TO THE ABOVE EQUIPMENT ONCE RECEIVED ON THE JOB.
3. EXHAUST HOOD PROVIDED WILL MEET OR EXCEED THE FOLLOWING REQUIREMENTS:
   - NSF # 1362 BEAR THE NSF SEAL OF APPROVAL
   - U.L. CLASSIFICATION # 2441
   - MEET OR EXCEED NFPA # 96. (LATEST EDITION)
   - LOCAL JURISDICTIONAL AUTHORITY.
   - LIQUID TIGHT, EXTERNALLY WELDED.
4. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A SET OF SHOP DRAWINGS FROM THE HOOD MANUFACTURER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE HOOD MANUFACTURER OF ANY LOCAL CODES WHICH WILL AFFECT THE HOOD MANUFACTURE OR INSTALLATION.
5. THE PLUMBING CONTRACTOR SHALL INSTALL THE MECHANICAL GAS VALVE IN ACCORDANCE WITH THE PLUMBING DIVISION. THE INSPECTION DIVISION OBTAINED BY G.C. FROM FIRE SUPPRESSION SYSTEMS NOT APPLY TO CONSTRUCTION SUPPLIER. VERIFY WITH LOCAL AUTHORITIES.
6. A FIRE ACTIVATED DAMPER SHALL BE INSTALLED IN SUPPLY AIR DUCT.
7. LISTED GREASE FILTERS SHALL BE PROVIDED.
8. BASIS OF DESIGN HOOD – OVEN HOOD BY CAPTIVEAIRE
9. SUPPLY AND EXHAUST FANS ARE INTERLOCKED WITH A PILOT LIGHT LIGHT IN KITCHEN AREA
11. FIRE MODE REQUIRES THE EXHAUST FAN TO CONTINUE TO OPERATE, SUPPLY FAN STOPS AND ACTIVATES BUILDING ALARM SYSTEM.
12. HOOD EXHAUST FAN SHALL OPERATE WHENEVER THE EXTINGUISHER SYSTEM IS ACTIVATED.
13. FIXED PIPE EXTINGUISHER SYSTEM IN A SINGLE HAZARD AREA SHALL BE ARRANGED FOR SIMULTANEOUS OPERATION UPON ACTIVATION OF ANY OF THE SYSTEMS. COMMON EXHAUST DUCT FOR THAN ONE HOOD WOULD DEFINE A SINGLE HAZARD AREA. EXCEPTION WOULD BE A SECONDARY FIRE SUPPRESSION SYSTEM CONTAINED IN THE COMMON EXHAUST DUCT.
14. AIR BALANCE TABULATION ON SHEET M1.

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CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

ROOF PLAN

STATE OF TEXAS
J. V. SCHULTES
34938
REGISTERED
PROFESSIONAL ENGINEER

Date
11/21/2001

Revisions

Project Number
SB-854

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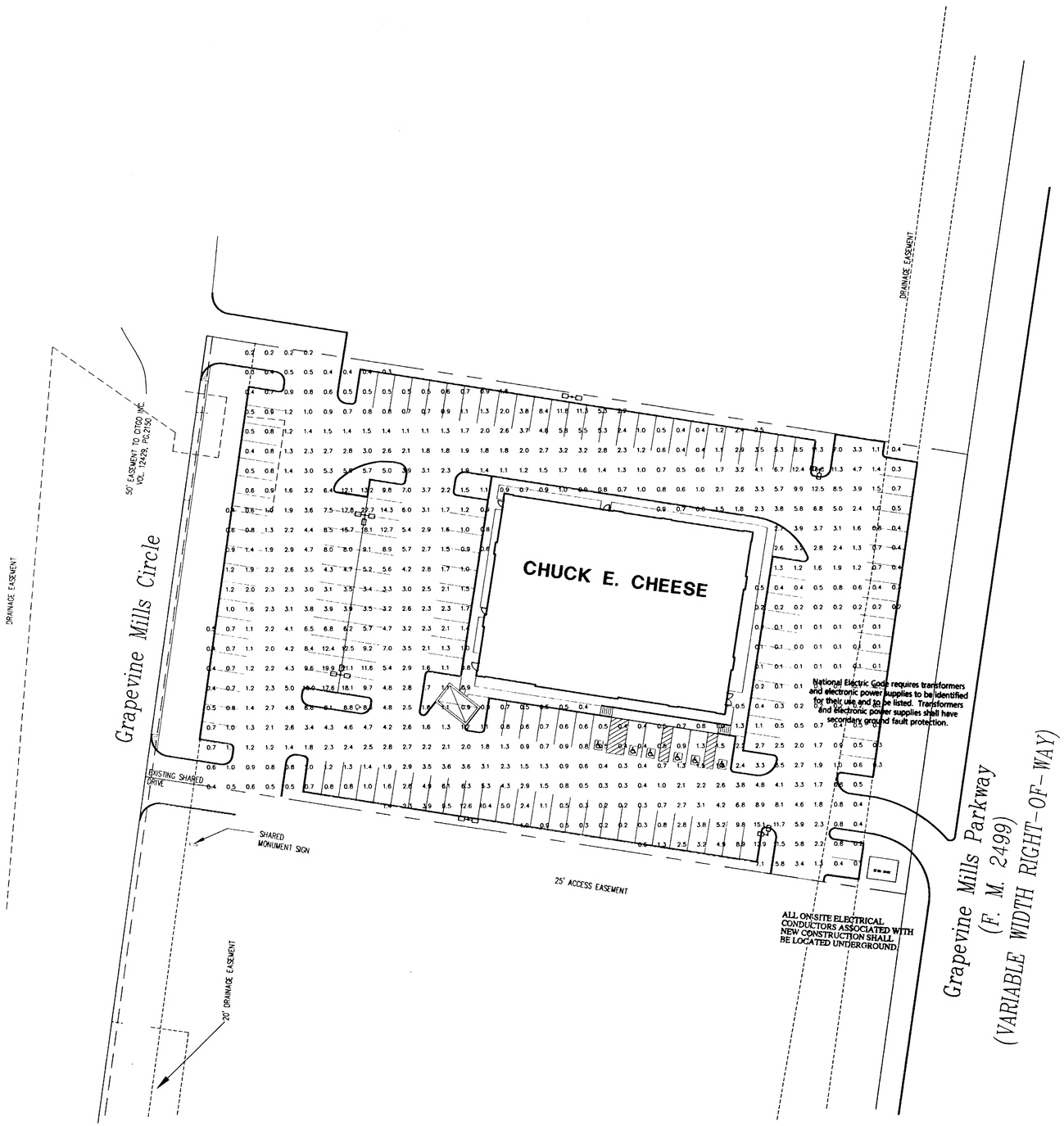
M3
of 3



NORTH

PHOTOMETRIC PLAN

LIGHTING PLAN DOES NOT ACCOUNT FOR LIGHT FILTERED BY LANDSCAPING, OR LIGHT FLOW FROM BUILDING AWNINGS, WINDOWS AND SCONCES.

CM-M400-VS
400W MH
Mounting Height= 25 feet. 2 units per pole.
From Pole to Photometric Center= 2 feet.
IES Candela File: C:\SPLDIES\L3125.IES
Initial Lumens per Lamp= 32000.
Light Loss Factor (LLF) = 0.72
Number Poles this type = 2

CM-M400-IV
400W MH
Mounting Height= 25 feet. 2 units per pole.
From Pole to Photometric Center= 2 feet.
IES Candela File: C:\SPLDIES\L3707.IES
Initial Lumens per Lamp= 32000.
Light Loss Factor (LLF) = 0.72
Number Poles this type = 2

CM-M400-VS
400W MH
Mounting Height= 25 feet. 3 units per pole.
From Pole to Photometric Center= 2 feet.
IES Candela File: C:\SPLDIES\L3125.IES
Initial Lumens per Lamp= 32000.
Light Loss Factor (LLF) = 0.72
Number Poles this type = 2

ILLUMINANCE IS IN HORIZONTAL FOOTCANDLES.
TARGET PLANE AT Z = 0 FEET.

Summary

# POINTS	618
AVERAGE	2.7
MAXIMUM	27.7
MINIMUM	0.0

Illuminance levels shown are calculated from the luminaire laboratory test data listed. Laboratory tests are made under optimum conditions, with lamp output at rated value, and in accordance with Illuminating Engineering Society approved methods.

Actual illuminance levels may differ due to variance in lamp lumen output, lamp tilt factor, ballast wattage output, line voltage at ballast, reflector specularity, lamp lumen depreciation, and luminaire dirt depreciation. Light Loss Factor (LLF), if less than 1.00, indicates the anticipated affect of factors other than variable field conditions.

SITE LIGHTING FOR:
CHUCK E CHEESE
GRAPEVINE, TX

SPAULDING LIGHTING INC.

SCALE	DATE	DRAWN BY	DESIGN BY	DWG NO.
1" = 30'	08-27-01		JMH	H2-11-1H51D

SEPARATE PLUMBING, MECHANICAL, ELECTRICAL, AND SIGN PERMITS SHALL BE REQUIRED.

GENERAL, MECHANICAL, ELECTRICAL, PLUMBING CONTRACTORS SHALL BE REGISTERED WITH THE CITY OF GRAPEVINE. REGISTRATION FEE IS _____.

CONTRACTOR SHALL CALL FOR INSPECTIONS.

CONTRACTOR REGISTRATION WILL BE REMOVED UPON PERMIT EXPIRATION.

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET ____ OF ____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE _____ BY _____
BUILDING INSPECTION DIVISION
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ALL CHANGES MUST BE APPROVED.

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#854 GRAPEVINE, TX

CHUCK E. CHEESE'S PIZZA.
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GRAPEVINE, TX
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4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

PHOTOMETRIC PLAN

Date
11/21/2001

Revisions

Project Number
SB-854

Sheet Number
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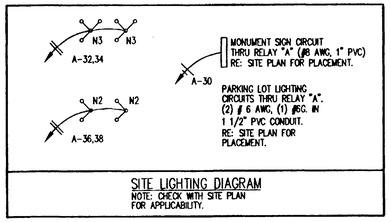
of 1

CEILING SPEAKERS

1. SPEAKER WIRE IS MINIMUM 18 GAUGE, STRANDED, 2 CONDUCTOR, UNSHIELDED, TYPE CL2 (TYPE CL2P WHERE CODE REQUIRES PLENUM RATED WIRE) DO NOT USE MICROPHONE/AUDIO WIRE, WHICH IS 22 GAUGE, 2 CONDUCTOR SHIELDED.
2. SPEAKER WIRE RUN TO ALL SPEAKER LOCATIONS, WITH ENOUGH WIRE AT EACH LOCATION TO LOWER CONNECTED SPEAKER 5 FEET BELOW CEILING.
3. SPEAKER WIRING IS DIVIDED INTO 3 CIRCUITS: SKILL GAME'S ROOM, KIDDIE RIDES ROOM AND SHOW ROOM (RESTROOM AND VESTIBULE SPEAKERS CAN BE WIRED TO GAME ROOM OR KIDDIE ROOM CIRCUIT).
4. SPEAKER WIRE RUN FROM EACH SPEAKER CIRCUIT TO CEILING AREA ABOVE COMPUTER ROOM, LEAVING ENOUGH EXTRA WIRE ON EACH CIRCUIT TO REACH THE COMPUTER ROOM FLOOR, PLUS 20 FEET.
5. SPEAKER WIRE RUN ABOVE CEILING, NOT LAYING ACROSS CEILING TILES.
6. CEILING WIRE ATTACHED TO STRUCTURE PROVIDED AT EACH SPEAKER LOCATION IN SHOW ROOM, FOR SAFETY SUPPORTS (SPEAKER ASSEMBLY WITH TILE IS ABOUT 25 POUNDS) CEILING WIRE AT ALL SPEAKER LOCATIONS AND ELSEWHERE IF REQUIRED BY LOCAL BUILDING CODES.

GAMEROOM SPEAKER INSTALLATION

1. AFTER SPEAKER WIRE HAS BEEN RUN TO ALL CORRECT LOCATIONS (REFERENCE CURRENT LAYOUT) REMOVE CEILING TILES THAT WILL HOLD SPEAKERS.
2. USE THE LARGE T-BAR (FOR 8" SPEAKER) AS A TEMPLATE TO CUT A HOLE FOR THE SPEAKER, CENTERED IN A 1/2 CEILING TILE. (END OF T-BAR CAN NOT OVERLAP EDGE OF CEILING TILE TO FIT BETWEEN CEILING MOUNT SPEAKERS TO DRILLS WITH ENCLOSED 8 x 32 MUT.
3. USE SCREWS 8 x 32 x 1 3/4" (SHOULD BE WITH GRILL), PUT THROUGH THE GRILL, CEILING TILE, T-BAR AND INTO 8 x 32 CLIPS ON BACK CANS. (BE SURE TO HAVE SPEAKER TRANSFORMER WIRE FED THROUGH THE CAN KNOCKOUT HOLE BEFORE SECURING CAN.)
4. PLACE BACK IN CEILING.
5. CONNECT RED AND BLACK WIRE OF THE SPEAKER LINE TO THE RED AND BLACK WIRES COMING THROUGH THE SPEAKER CAN WITH ORANGE WIRE NUTS.



SITE LIGHTING DIAGRAM
NOTE: CHECK WITH SITE PLAN FOR APPLICABILITY.

LIGHT 8" SPEAKER INSTALLATION

AFTER SPEAKER WIRE HAS BEEN RUN TO ALL CORRECT LOCATIONS (REFERENCE CURRENT LAYOUT) REMOVE CEILING TILES THAT WILL HOLD SPEAKERS.

1. CUT A HOLE LARGE ENOUGH FOR THE SPEAKER AND ITS MOUNTS, CENTERED IN A 1/2 CEILING TILE.
2. PLACE SPEAKER GRILL IN TILE. SLIDE BRACE BARS THROUGH MOUNTS AND SECURE WITH ATTACHED WING BOLTS.
3. PLACE TILE WITH SPEAKER BACK IN CEILING.
4. LEAVE CONNECTION OF THESE SPEAKERS TO THE ENTERTAINMENT INSTALLERS.

MANAGER'S PANEL

1. (2) TWO OUTLET BOX MOUNTED IN WALL WITH A MUD RING, 5'-0" ABV. FINISHED FLOOR, WITH 2" CONDUIT STUBBED UP ABOVE CEILING WITH A 2" CONDUIT FOR WALL MOUNTED 'MANAGER CONTROL' PANEL. RE: DETAIL 02/E2.
2. PULL STRINGS LEFT IN CONDUIT.

MONITOR MOUNTS

1. MONITOR MOUNTS RIGIDLY INSTALLED AND BOLTED TO BAR JOISTS OR OTHER BUILDING FRAMEWORK, MINIMUM 2'-0" FROM WALL IN ANY DIRECTION TO CENTER PIPE. TOP OF FRAME 6" BELOW CEILING.
2. 120-VOLT OUTLET MOUNTED IN CEILING TILE AT EACH MONITOR MOUNT.
3. G.C. TO PULL ALL OWNER FURNISHED COAX CABLE (DAISEY CHAIN) FOR ALL MONITORS FROM BEHIND ANIMATION PLATFORM EXCLUDING EMPLOYEE TRAINING MONITOR IN KITCHEN. LEAVE 6 FT. SLACK OF CABLES AT EACH LOCATION FOR FINAL CONNECTION BY OWNER.

SHOWROOM SPEAKER INSTALLATION

1. AFTER SPEAKER WIRE HAS BEEN RUN TO ALL CORRECT LOCATIONS (REFERENCE CURRENT LAYOUT) REMOVE CEILING TILES THAT WILL HOLD SPEAKERS.
2. USE THE LARGE T-BAR (FOR 12" SPEAKER) AS A TEMPLATE TO CUT A HOLE FOR THE SPEAKER, CENTERED IN A 1/2 CEILING TILE. (END OF T-BAR CAN NOT OVERLAP EDGE OF CEILING TILE TO FIT IN BETWEEN CEILING GRIDS.)
3. USE SCREWS 8 x 32 x 1 3/4 TO 2" TO GO THROUGH THE 12" WHITE GRILL, THROUGH THE CEILING TILE AND THROUGH THE T-BAR.
4. MOUNT THE SPEAKER (12") ON INSIDE SET OF SCREWS WITH 8 x 32 NUTS. (BE SURE THEY CLEAR THE TRANSFORMER MOUNTING AREA.)
5. MOUNT TRANSFORMER TO MOUNTING BARACKET OF SPEAKERS. ATTACH THE SHORT RED WIRE OF THE TRANSFORMER TO THE RED PUSH CAP OF THE SPEAKER (WATCH NOT TO CATCH INSTALLATION ON THE CONNECTION) AND THE SHORT BLACK WIRE TO THE BLACK PUSH CAP.
6. BOLT OUTSIDE SCREWS TO THE T-BAR WITH 8 x 32 NUTS.
7. PLACE SPEAKER BACK IN THE CEILING.
8. CONNECT THE LONGER RED AND BLACK WIRE OF THE TRANSFORMER TO THE PREVIOUS RUN SHOWROOM SPEAKER WIRES WITH ORANGE WIRE NUTS.
9. ADD A CORD HANGER FROM AN ABOVE SUPPORT TO THE SPEAKER FRAME TO HELP KEEP THE WEIGHT OF THE SPEAKERS OFF THE GRID. (BE CAREFUL NOT TO POKE A HOLE THROUGH THE SPEAKER CONE WITH THE HANGER.)

GENERAL ELECTRICAL NOTES:

A. CIRCUITS FOR CASH REGISTERS SHOWN WITH ISOLATED GROUND SYMBOLS SHALL BE CONNECTED TO BUILDING GROUND WITH ISOLATED CONDUCTORS PER NEC ARTCLE 250.

B. GENERAL CONTRACTOR SHALL CHECK FOR CORRECT ROTATION OF AIR COMPRESSOR AND MIXER, AND SHALL MAKE ADJUSTMENTS AS NECESSARY.

C. ALL WIRES SHALL BE #12 AWG UNLESS NOTED OTHERWISE ON PLANS OR IN SPECIFICATIONS. ADJUST CONDUCTOR SIZE TO NOT EXCEED 3% VOLTAGE DROP, PER NEC 210-9(A).

D. CONTRACTOR SHALL PROVIDE PULLSTRINGS IN ALL EMPTY CONDUITS.

E. CEILING SOUND SYSTEM WIRING WILL BE FURNISHED BY THE OWNER, INSTALLED BY ELECTRICAL CONTRACTOR.

F. FIRE ALARM SYSTEM SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR AND IS PART OF THIS CONTRACT. FIRE ALARM SYSTEM SHALL INCLUDE DUCT MOUNTED SMOKE DETECTORS IN S.A. OF ALL AC UNITS, ADA APPROVED SPEAKER/STROBES, MANUAL PULL STATIONS, FLOW AND TAMPER SWITCHES FOR FIRE PROTECTION SYSTEM, FIRE ALARM PANEL, ETC. REFER TO SPECIFICATIONS.

G. NO EMT OR MC CABLE SHALL BE INSTALLED IN SLAB.

H. OWNERS SECURITY SYSTEM SHALL BE COORDINATED BY CONTRACTOR AND IS PART OF THIS CONTRACT.

I. CONTRACTOR SHALL VISIT SITE & VERIFY EXISTING CONDITIONS PRIOR TO BID.

J. ALL WORK SHALL BE DONE TO SATISFY ALL LOCAL, STATE, FEDERAL CODES AND NEC..

GENERAL LIGHTING NOTES:

A. REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL LIGHT FIXTURES.

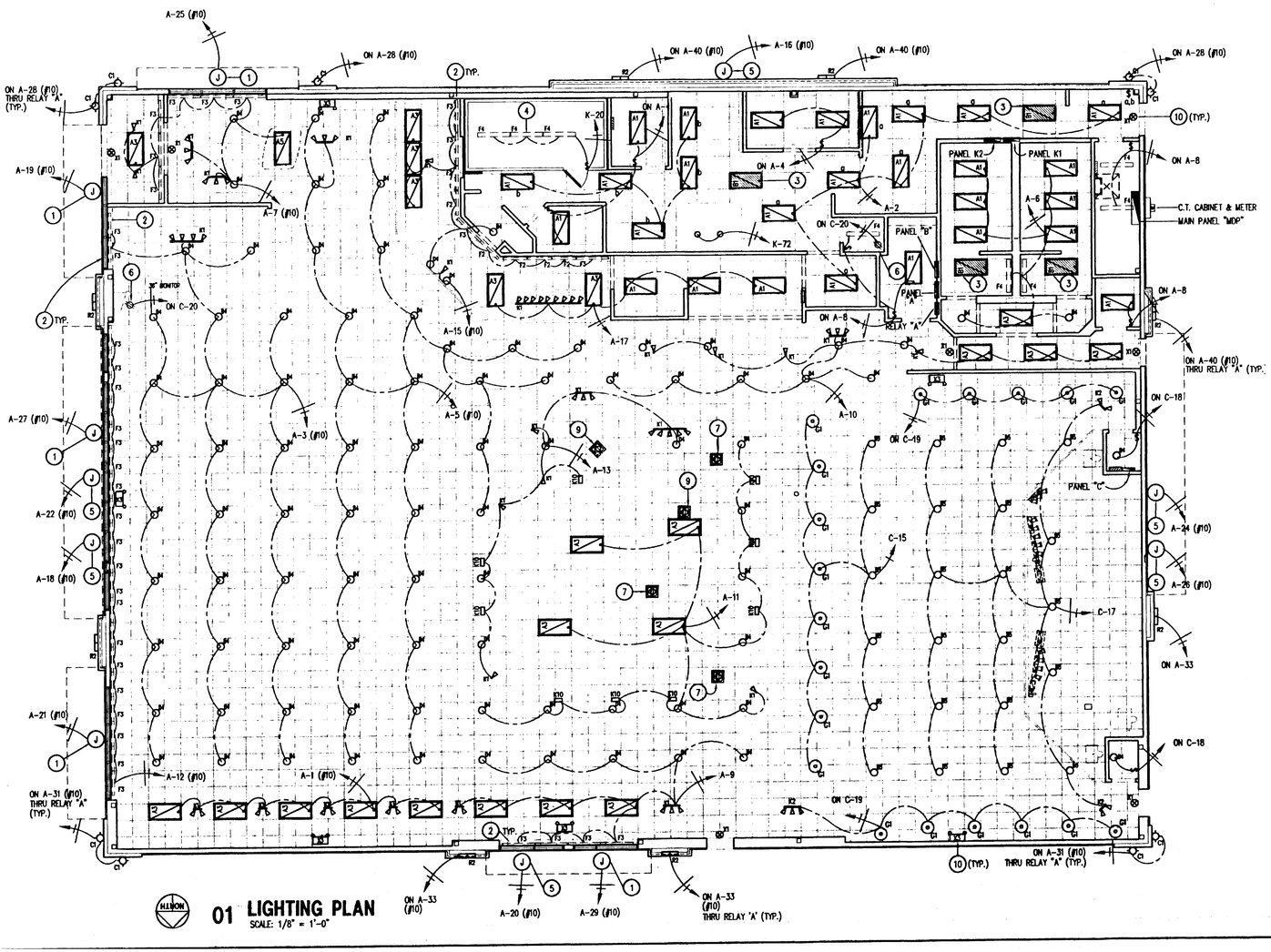
B. OUTLETS, SWITCHES AND COVERPLATES SHALL BE: IVORY AT P-13 FINISHES, LIGHT GREY TO MATCH LIGHT GREY MARLITE, AND CHROME METAL AT FRP.

C. CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR TO AVOID ANY LIGHT FIXTURE/DUCTWORK/PIPING CONFLICTS.

D. CONTRACTOR SHALL PROVIDE LOCAL SWITCHING IN EACH AREA. SWITCHES SHALL BE LOCATED SUCH THAT THE LIGHTS MAY BE VIEWED WHILE OPERATING THEM. COORDINATE ALL SWITCH LOCATIONS WITH ARCHITECT AND OWNER.

LIGHTING PLAN NOTES:

1. J-BOX FOR AWNING LIGHT FIXTURE, VERIFY EXACT LOCATION. LIGHT FIXTURES BY AWNING CONTRACTOR. RUN CIRCUIT THRU RELAY 'A'.
2. PROVIDE CONTINUOUS TYPE "F2" AND "F3" FLUORESCENT STRIP LIGHTS. REFER TO ARCHITECT'S PLANS FOR EXACT LOCATIONS, MOUNTING DETAILS AND COLORED SLEEVE LAYOUT.
3. CONTRACTOR SHALL PROVIDE EMERGENCY BATTERY PACK FOR THIS FIXTURE. CONNECT TO EMERGENCY CIRCUIT A-42.
4. INSTALL FIXTURES, CIRCUITING AND SWITCH (FIXTURES AND SWITCH PROVIDED BY OTHERS) IN WALKIN COOLER. THIS CONTRACTOR SHALL PROVIDE AND INSTALL LAMPS AS REQUIRED.
5. PROVIDE J-BOX ON NEW BUILDING FACADE FOR SIGN. COORDINATE LOCATION WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN. RUN CIRCUIT THRU RELAY 'A'.
6. DUPLEX OUTLET MOUNTED IN CEILING RE: "MONITOR MOUNT" NOTES THIS SHEET.
7. FLUSH MOUNTED CEILING RECEPTACLE FOR SKY CRAWL VENT FANS. RE: POWER PLAN FOR CIRCUIT, SHEET E2.
8. FLUSH MOUNTED CEILING RECEPTACLE FOR STUDIO 'C' SPY CAM. RE: POWER PLAN FOR CIRCUIT, SHEET E2.
9. DUPLEX OUTLET ABOVE CEILING FOR SKY CRAWL SOUND SYSTEM. RE: POWER PLAN FOR CIRCUIT, SHEET E2.
10. CONNECT ALL EMERGENCY LIGHTS (TYPE "X3") & EXIT LIGHTS (TYPE "X1") TO CIRCUIT A-41.



01 LIGHTING PLAN
SCALE: 1/8" = 1'-0"

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER & CATALOG NO.	LAMPS	REMARKS
FLUORESCENT STRIP LIGHTS:				
F1	2' 1-LIGHT FIXTURE	COLUMBIA, #CH2-117-EB8-120V	SYLVANIA F017/741	120V. ELECTRONIC BALLAST
F2	3' 1-LIGHT FIXTURE	COLUMBIA, #CH3-125-EB8-120V	SYLVANIA F025/74/ECO	120V. ELECTRONIC BALLAST
F3	4' 1-LIGHT FIXTURE	COLUMBIA, #CH4-132-EB8-120V	SYLVANIA F032/741	120V. ELECTRONIC BALLAST
F4	4' 2-LIGHT FIXTURE	COLUMBIA, #CS4-232-EB8-120V	SYLVANIA F032/741	120V. ELECTRONIC BALLAST
F5	4' 2-LIGHT FIXTURE	COLUMBIA, #CS2-240-LE-120V	SYLVANIA F40GRO	GRO-LUX LAMPS AT SALAD BAR #24655 - NO SUBS. 120V. MAGNETIC BALLAST
F8	6' 2-LIGHT FIXTURE	COLUMBIA, #CS6-272-LE-120V	SYLVANIA F40GRO	120V. ELECTRONIC BALLAST
BOOTH LIGHTING:				
G1	COPPER FIXTURE, CORD HUNG, INCANDESCENT	HI-LITES #403D44	50R20/PINK	MOUNT FIXTURE 2'-2" ABOVE TABLE
OUTDOOR SCONCES:				
C1	UP/DOWN SQUARE, BRONZE	COOPER/HALO #H1306	SYLVANIA (2) 150PAR/3FL 125V	LISTED FOR WET LOCATIONS
EMERGENCY LIGHTING:				
X1	LED EXIT SIGN W/ BATTERY BACK-UP	PRESCOLITE #PEXL3REN	INCLUDED	90 MINUTE BATTERY BACK-UP
X2	SURFACE MOUNTED EMENGENCY LIGHT	PRESCOLITE #EDS-2	INCLUDED	90 MINUTE BATTERY BACK-UP
X3	RECESSED MOUNTED EMERGENCY LIGHT	ERT-4	INCLUDED	90 MINUTE BATTERY BACK-UP
2X4 RECESSED FLUORESCENT FIXTURES:				
A1	4 LIGHT TROFFER PRISMATIC, ACRYLIC LENS	COLUMBIA #J24-432G-FSA12-4EB8-120	SYLVANIA #F032/741 (T-8 LAMPS)	ACRYLIC PRISMATIC LENS, BAKED WHITE FINISH; 120V, ELECTRONIC BALLAST (2 WHERE REQ'D.)
A2	4 LIGHT TROFFER PRISMATIC, ACRYLIC LENS	COLUMBIA #J24-440G-FSA12-LE-120	SYLVANIA #F40CW/SS (T-12 LAMPS)	ACRYLIC PRISMATIC LENS, BAKED WHITE FINISH; 120V, MAGNETIC BALLAST
A3	4 LIGHT TROFFER 3/4 X 3/4 X 1/2 SILVER LENS	COLUMBIA #J24-432G-FSPC4-4EB8-120	SYLVANIA #F032/741 (T-8 LAMPS)	BAKED WHITE FINISH; 120V. ELECTRONIC BALLAST
A4	4 LIGHT TROFFER 3/4 X 3/4 X 1/2 SILVER LENS	COLUMBIA #J24-440G-FSPC4-LE-120	SYLVANIA #F40CW/SS (T-12 LAMPS)	BAKED WHITE FINISH; 120V. MAGNETIC BALLAST
A5	4 LIGHT TROFFER 3/4 X 3/4 X 1/2 SILVER LENS	COLUMBIA #J24-440G-FSPC4-LE-120	SYLVANIA #F40/350BL (T-12 LAMPS)	BAKED WHITE FINISH; 120V. MAGNETIC BALLAST ***THIS FIXTURE IS PROVIDED BY G/C FROM MIDWEST CABINET UNTIL FURTHER NOTICE.
OPTIONS:				
B1	4 LIGHT TROFFER PRISMATIC, ACRYLIC LENS ELECTRONIC BALLAST W/ EMERGENCY BATTERY PACK	COLUMBIA #EL (SUFFIX TO FIXTURE TYPE A1 AS SHOWN ABOVE)		SAME AS "A1"
WALLPACK FIXTURE:				
E1	400 WATT METAL HALIDE FIXTURE	SPAULDING #WGRII-400-MT	SYLVANIA #M400/U	MOUNTED ABOVE DOOR; 120V. HPF BALLAST
E2	70 WATT METAL HALIDE FIXTURE	SPAULDING #WGRI-70-MT	SYLVANIA #M70/U	MOUNTED ABOVE DOOR; 120V. HPF BALLAST
BUILDING UP LIGHTS:				
H1	150 WATT METAL HALIDE ARCHITECTURAL VERTICAL FLOOD	KIM #LTV150MH120	SYLVANIA #MP150PAR38/U/FL35/LAMP	INCLUDE #TR10 TRIM RING FOR CONCRETE MOUNTING
H2	175 WATT METAL HALIDE ARCHITECTURAL HORIZONTAL FLOOD	KIM #AFL1/175MH/120/HDS/DBE	SYLVANIA #M175/U/MED	G.C. MUST FURNISH 2" GRC MOUNTED STUB UP. HEIGHT TBD
BUILDING MOUNTED FLOOD LIGHTS				
J1	400 WATT METAL HALIDE FLOOD LIGHT W/ SPAULDING #241-C WALL MOUNTING BRACKET	SPAULDING #BNII-M400-DBE-MT	SYLVANIA #M400/U	SPAULDING #241-C WALL MOUNTED BRACKET
PARKING LOT LIGHTING: (20'POLE)				
L1	SINGLE 400 WATT MULTI TAP FIXTURE PER POLE	SPAULDING #CEI-400M/20SQS411	SYLVANIA #M400/U	POLE SPACING: 3:1 MTG HGT MATCH MALL PARK'G LOT FIXTURES
L2	DOUBLE 400 WATT MULTI TAP FIXTURE PER POLE	SPAULDING #2B/CEI-400M/20SQS411	SYLVANIA #M400/U	POLE SPACING: 3:1 MTG HGT MATCH MALL PARK'G LOT FIXTURES
L3	TRIPLE 400 WATT MULTI TAP FIXTURE PER POLE	SPAULDING #3B/CEI-400M/20SQS411	SYLVANIA #M400/U	POLE SPACING: 3:1 MTG HGT MATCH MALL PARK'G LOT FIXTURES
L4	QUAD 400 WATT MULTI TAP FIXTURE PER POLE	SPAULDING #4B/CEI-400M/20SQS411	SYLVANIA #M400/U	POLE SPACING: 3:1 MTG HGT MATCH MALL PARK'G LOT FIXTURES
PARKING LOT LIGHTING: (25'POLE)				
M1	SINGLE 400 WATT MULTI TAP FIXTURE PER POLE	SPAULDING #CEI-400M/25SQS411	SYLVANIA #M400/U	POLE SPACING: 3:1 MTG HGT
M2	DOUBLE 400 WATT MULTI TAP FIXTURE PER POLE	SPAULDING #2B/CEI-400M/25SQS411	SYLVANIA #M400/U	POLE SPACING: 3:1 MTG HGT
M3	TRIPLE 400 WATT MULTI TAP FIXTURE PER POLE	SPAULDING #3B/CEI-400M/25SQS407	SYLVANIA #M400/U	POLE SPACING: 3:1 MTG HGT
M4	QUAD 400 WATT MULTI TAP FIXTURE PER POLE	SPAULDING #4B/CEI-400M/25SQS407	SYLVANIA #M400/U	POLE SPACING: 3:1 MTG HGT
PARKING LOT LIGHTING: (30'POLE)				
N1	SINGLE 400 WATT MULTI TAP FIXTURE PER POLE	SPAULDING #CEI-400M/30SQS511	SYLVANIA #M400/U	POLE SPACING: 3:1 MTG HGT BALLAST: 240V.
N2	DOUBLE 400 WATT MULTI TAP FIXTURE PER POLE	SPAULDING #2B/CEI-400M/30SQS511	SYLVANIA #M400/U	POLE SPACING: 3:1 MTG HGT BALLAST: 240V.
N3	TRIPLE 400 WATT MULTI TAP FIXTURE PER POLE	SPAULDING #3B/CEI-400M/30SQS507	SYLVANIA #M400/U	POLE SPACING: 3:1 MTG HGT BALLAST: 240V.
N4	QUAD 400 WATT MULTI TAP FIXTURE PER POLE	SPAULDING #4B/CEI-400M/30SQS507	SYLVANIA #M400/U	POLE SPACING: 3:1 MTG HGT BALLAST: 240V.
**FACTORY RECOMMENDATIONS ARE FOR A 3:1 SPACING BASED ON MOUNTING HEIGHT TO MAINTAIN FOOTCANDLES.				
RECESSD DOWNLIGHTING:				
D4	32 WATT COMPACT FLUORESCENT DOWNLIGHT	JANMAR #813E-320TA	JANMAR #GX24q-3 32 WATT	WHITE TRIM RING
D5	18 WATT COMPACT FLUORESCENT DOWNLIGHT	JANMAR #813E-180TA	JANMAR #GX24q-3 18 WATT	WHITE TRIM RING
TRACK LIGHTING:				
K1	75PAR30 TRACK HEAD, BLACK	LIGHTOLIER #9233BKCC	SYLVANIA #75PAR30/CAP/FL	75W PAR30 TRACK HEAD, BLACK
K2	50R20/FL TRACK HEAD, BLACK	LIGHTOLIER #9223BKCC	SYLVANIA #50R20/FL	50W PAR20 TRACK HEAD, BLACK
K3	2' STARTER TRACK, BLACK	LIGHTOLIER #6000BK		ALUMINUM WHITE POWDER COAT FINISH
K4	4' STARTER TRACK, BLACK	LIGHTOLIER #6001BK		
K5	8' STARTER TRACK, BLACK	LIGHTOLIER #6002BK		
K6	8' JOINER TRACK, BLACK	LIGHTOLIER #6003BK		
K7	MONO POINT ADAPTER, BLACK	LIGHTOLIER #6190BK		
K8	TRACK ADAPTER FOR MONO POINT	LIGHTOLIER #7589BK		
K9	ADJUSTABLE CONNECTOR, BLACK	LIGHTOLIER #6053BK		
K10	MINITRACK WALL WASHER PRISMATIC GLASS	JANMAR #730E-2X32	2-32 WATT LAMPS	ALUMINUM WHITE POWDER COAT FINISH
INDOOR SCONCE:				
P2	NOT USED	---	---	
EXTERIOR FIXTURE				
R2	14" SOLID DIAMOND FACE (RED) WITH RECESSED FLUORESCENT FIXTURE. 360° WALL THROW	600U-D-42TTF-120V-360°-DS -OC3001-XX	42 WATT FL	FACTORY-PAINTED

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET _____ OF _____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
THIS PLAN TO BE KEPT ON THE JOB SITE AT ALL TIMES
DATE _____ BY _____
BUILDING INSPECTION DIVISION
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CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

LIGHTING PLAN

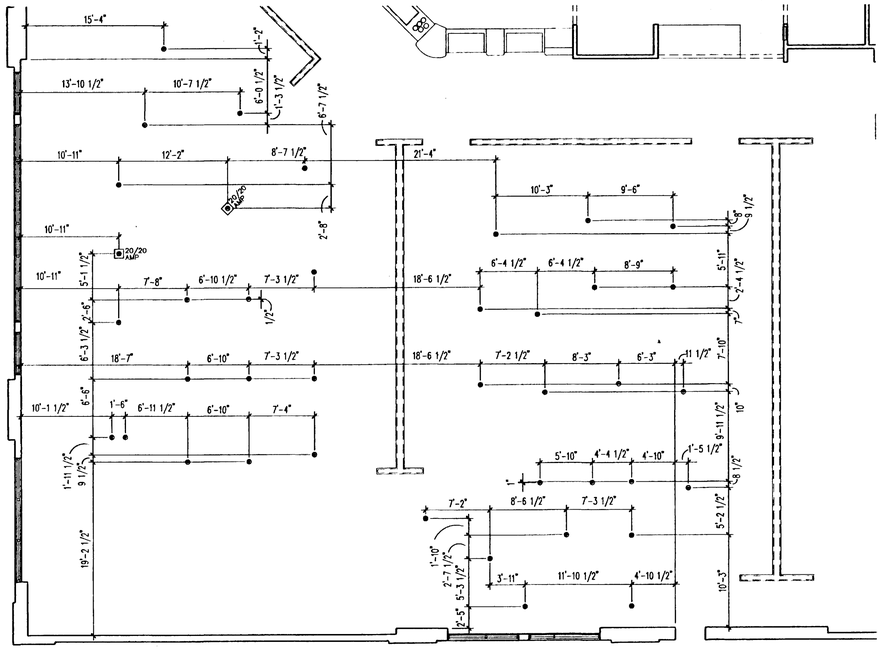
STATE OF TEXAS
J. V. SCHULTES
34938
REGISTERED
PROFESSIONAL ENGINEER
12/7/01

Date
11/21/2001

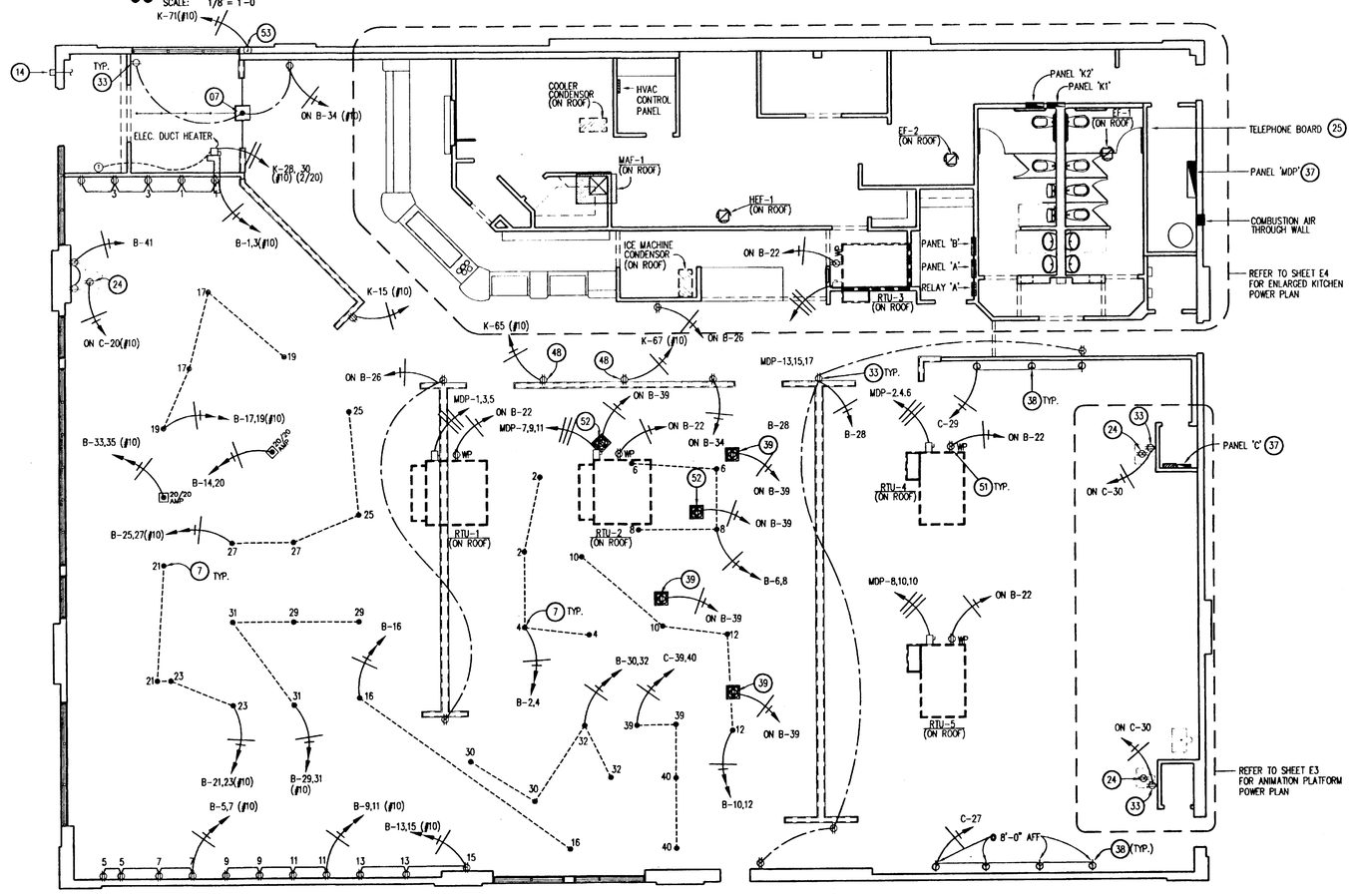
Revisions

Project Number
SS-854

Sheet Number
E1
of 5



09 FLOOR OUTLET DIM. PLAN
SCALE: 1/8" = 1'-0"

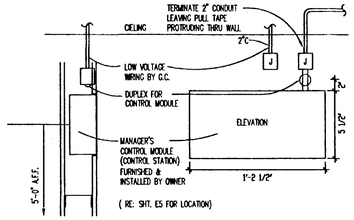


01 ELECTRICAL POWER PLAN
SCALE: 1/8" = 1'-0"

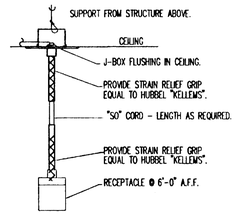
NOTE: FOR PLAN NOTES SHOWN BY " (00) " SEE SHEET E4

NOTES BY SYMBOLS:
(NOT ALL SYMBOLS APPLY TO THIS PROJECT)

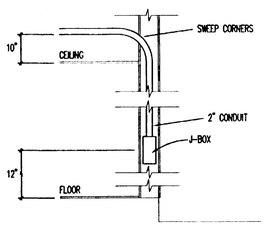
- FIRE PULL STATION
- MOTOR WITH DISCONNECT
- TWO 20A FLOOR RECEPTACLES
- FLOOR RECEPTACLE
- CIRCUIT UNDER FLOOR
- DUPLEX RECEPTACLE
- "TV PICTURE" RECESSED CLOCK OUTLET
- QUADRUPLEX RECEPTACLE
- SPECIAL RECEPTACLE
- DISCONNECT
- J-BOX
- CIRCUIT RUN, 2-#12 AND 1-#12G, 3/4"C MINIMUM.
- BEL TRANSFORMER
- TELEPHONE OUTLET
- DATA OUTLET
- CIRCUIT PANEL BOARD
- EMERGENCY LIGHT PACK
- EXIT SIGN
- SMOKE DETECTOR
- INCANDESCENT DOWN LIGHT
- TRACK LIGHTING FIXTURE
- 2x4 FLUORESCENT LIGHT
- LIGHT SWITCH
- DEDICATED SWITCH
- FLUORESCENT STRIP LIGHT
- EMERGENCY LIGHT W/ BATTERY BACKUP



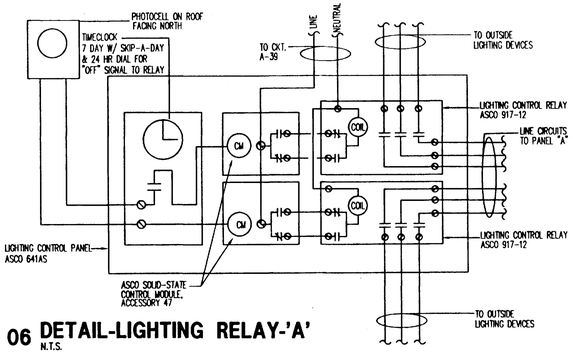
02 DETAIL A
SCALE: 1 1/2" = 1'-0"



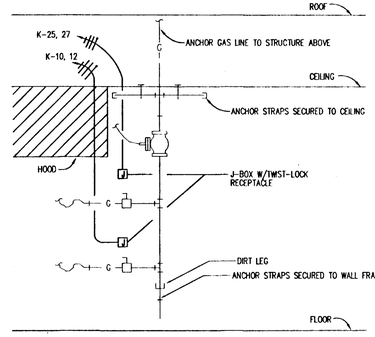
03 DETAIL B
N.T.S.



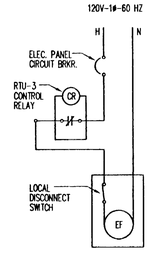
05 DETAIL C
N.T.S.



04 EXHAUST FAN CONTROL DIAGRAM
N.T.S.



07 PIZZA OVEN ELEC. CONN. DIAGRAM
NO SCALE



TYPICAL FOR EF-1

06 DETAIL-LIGHTING RELAY-'A'
N.T.S.

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET ____ OF ____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
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BUILDING INSPECTION DIVISION
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GRAPEVINE, TX

POWER PLAN

STATE OF TEXAS
J. V. SCHULTES
34938
REGISTERED PROFESSIONAL ENGINEER

Date
11/21/2001

Revisions

Project Number
SB-854

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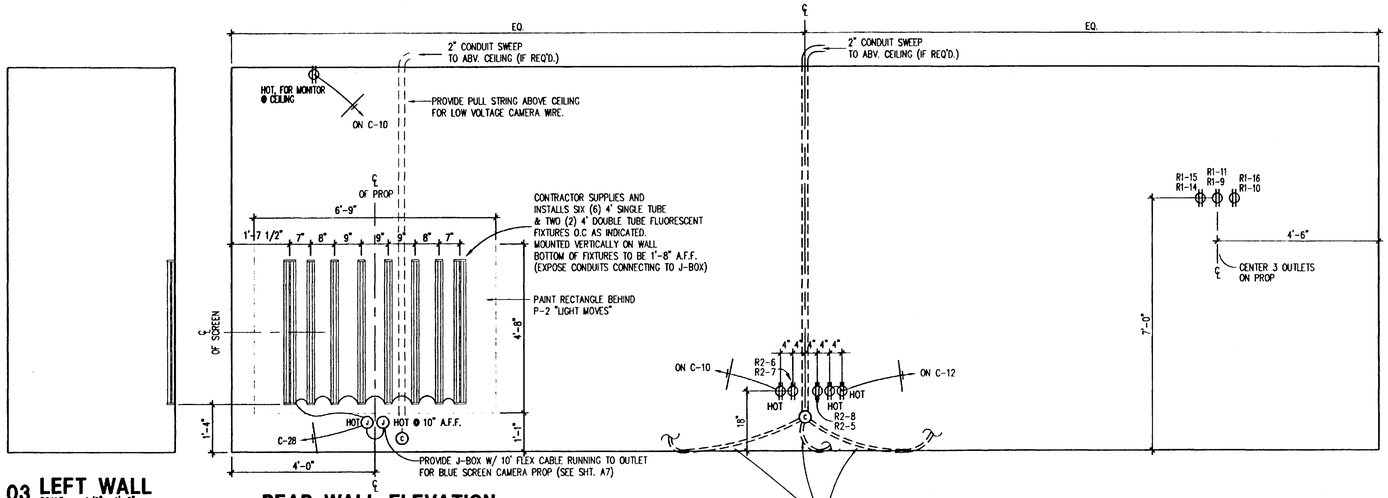
of 5



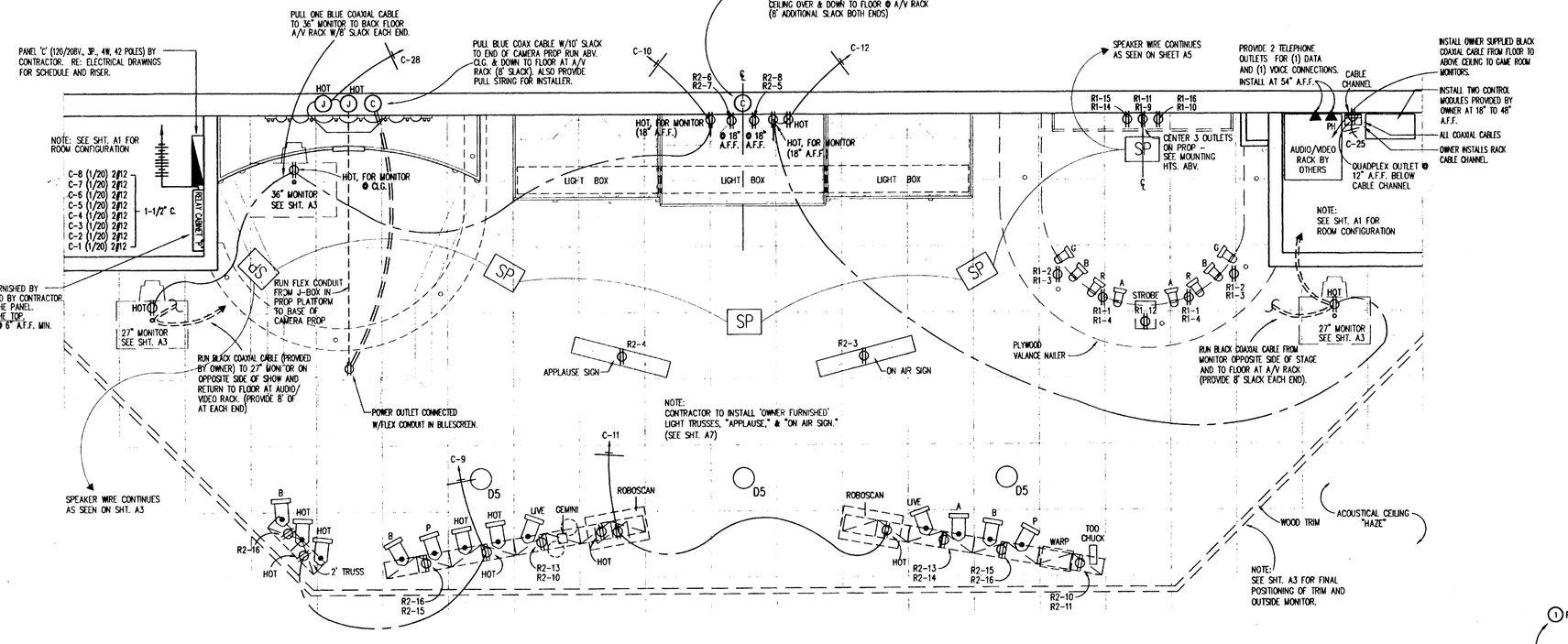
03 LEFT WALL
SCALE: 1/2"= 1'-0"

02 REAR WALL ELEVATION
SCALE: 1/2"= 1'-0"

WIRING SCHEDULE DIAGRAM

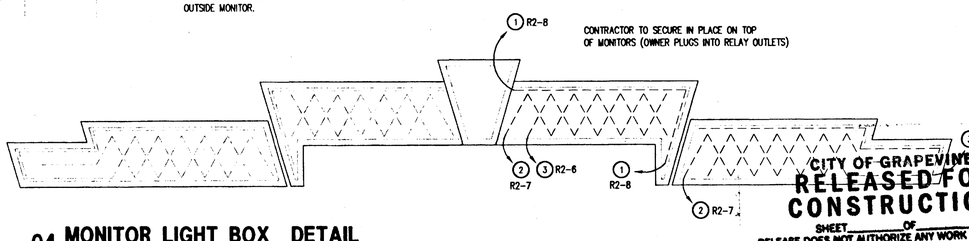
PB-1				PB-2			
CIRCUIT C-1 (1/20)	20 AMP BREAKER	1-1	CEC RED FLOODS (2)	CIRCUIT C-5 (1/20)	20 AMP BREAKER	2-1	SPARE
		1-2	CEC GREEN FLOODS (2)			2-2	SPARE
		1-3	CEC BLUE FLOODS (2)			2-3	ON AIR SIGN
CIRCUIT C-2 (1/20)	20 AMP BREAKER	1-4	CEC AMBER FLOODS (2)			2-4	APPLAUSE SIGN
		1-5	SPARE			2-5	MONITOR CHASE LIGHTS
		1-6	SPARE	CIRCUIT C-6 (1/20)	20 AMP BREAKER	2-6	MONITOR ROPE LIGHT RED/YELLOW
CIRCUIT C-3 (1/20)	20 AMP BREAKER	1-7	SPARE			2-7	MONITOR ROPE LIGHT BLUE
		1-8	SPARE			2-8	MONITOR ROPE LIGHT PURPLE/GREEN
		1-9	NEON CLOCK			2-9	SPARE
		1-10	CLOCK FORWARD			2-10	GEMINI/WARP (2)
		1-11	CLOCK BACKWARD	CIRCUIT C-7 (1/20)	20 AMP BREAKER	2-11	CEC SPOT
CIRCUIT C-4 (1/20)	20 AMP BREAKER	1-12	STROBE ON CEC STAGE			2-12	SPARE
		1-13	SPARE			2-13	LIVE SPOT
		1-14	CHUCK'S BACKDROP 1			2-14	AMBER ROOM FLOODS (7)
		1-15	CHUCK'S BACKDROP 2	CIRCUIT C-8 (1/20)	20 AMP BREAKER	2-15	PINK ROOM FLOODS (6)
		1-16	CHUCK'S BACKDROP 3			2-16	BLUE ROOM FLOODS (5)

NOTES:
A. RELAY CABINET "P" SHALL BE FURNISHED BY OWNER, INSTALLED AND WIRED BY CONTRACTOR. LOW VOLTAGE CONNECTION BY OWNER.
B. CIRCUIT ROUTING IS DIAGRAMMATIC ONLY. EACH RECEPTACLE AND EACH HALF OF THE SPLIT RECEPTACLE SHALL HAVE TWO WIRES. HOT AND NEUTRAL BACK TO RELAY CABINET "P".
C. ALL WIRING SHALL BE CAREFULLY MARKED AT EACH END.
D. USE #12 AWG CONDUCTORS IN 3/4" CONDUIT
E. ALL NUMBERED OUTLETS ARE CONTROLLED BY RELAY CABINET "P".



01 STUDIO 'C' 2000 LIGHTING & ELECTRICAL PLAN
SCALE: 1/2"= 1'-0"

NOTE:
CONTRACTOR TO INSTALL 'OWNER FURNISHED' SPEAKER WIRE W/6' SLACK AT EACH CONNECTION RUN FROM FLOOR @ A/V RACK (8' SLACK).



04 MONITOR LIGHT BOX DETAIL
SCALE: 1/2"= 1'-0"

GENERAL NOTES:
(A) FOR WIRING FROM RELAY CABINET "P", REFER TO "WIRING SCHEDULE DIAGRAM" FOR THE CONFIGURATION OF COMMON NEUTRALS.
(B) EXCEPT AS OTHERWISE INDICATED, FOR BRANCH CIRCUITS FROM PANEL "C", A COMMON NEUTRAL MAY BE RUN FOR MULTIPLE CIRCUITS PER N.E.C.

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET ____ OF ____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE ____ BY ____
BUILDING INSPECTION DIVISION
RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY.
ALL CHANGES MUST BE APPROVED.

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817 354-6010

GRAPEVINE, TX

SB-854

CHUCK E. CHEESE'S PIZZA.
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

ENLARGED ANIMATION PLATFORM

STATE OF TEXAS
J. V. SCHULTES
34938
REGISTERED PROFESSIONAL ENGINEER
11/21/01

Date
11/21/2001

Revisions

Project Number
SB-854

Sheet Number
E3
of 5

PLAN NOTES: (NOTES ARE STANDARD AND SOME ARE NOT USED)

1. TWO DUPLEX OUTLETS FOR CARBONATOR, 8'-0" A.F.F. SURFACE MOUNTED ABOVE SHELF IN DRY STORAGE. RE: DETAIL 10/P2.
2. DUPLEX OUTLETS FOR SODA, TEA URN AND ICE DISPENSER, 16" AFF, SURFACE MOUNTED ON INSIDE BACK OF CABINET. RE: KITCHEN EQUIPMENT SCHEDULE.
3. 30A OUTLET FOR COFFEE MAKER, 42" AFF.
4. 20A OUTLET FOR WATER MGMT. SYS., 96" AFF.
5. 3-POLE, 60A. NON-FUSED 4-WIRE DISCONNECT SWITCH MOUNTED ON WALL AT 96" AFF FOR CONNECTION TO ICE MACHINE.
6. J-BOX AT WALL FOR ELECTRIC FEED (4-WIRE) TO HEAT LAMPS OF SELF CONTAINED PASS THROUGH SHELVES. VERIFY REQUIREMENTS WITH MANUFACTURER. MAKE FINAL CONNECTIONS TO HEAT LAMPS. COORDINATE INSTALLATION WITH KITCHEN EQUIPMENT CONTRACTOR. MOUNT J-BOX AT 48" AFF WITH NEMA TWIST-LOCK RECEPTACLE MEETING HEAT LAMP UNIT MANUFACTURER'S REQUIREMENTS.
7. FLOOR BOX SYMBOL SHALL BE FLUSH MOUNTED, HUBBELL # B-2725 WITH #S-3925 BRASS COVER AND #S-3082 CARPET RING.
8. 2" CONDUIT OUT 10" ABOVE CEILING WITH SWEEP CORNER, PULL STRING UP IN WALL TO CEILING FOR OWNER'S USE DROPS TO J-BOX, 12" AFF. VERIFY MOUNTING HEIGHT WITH ARCH. SEE DETAIL 'C'.
9. DROP CIRCUIT DOWN WITHIN WALL TO J-BOX SET @ 4'-0" AFF. FOR UPPER OVEN), 2'-0" A.F.F. (FOR LOWER OVEN) WITH 20 AMP, 240 V. SINGLE PHASE TWIST-LOCK RECEPTACLE. COORDINATE WITH MANUFACTURER'S SCHEMATIC FOR EXACT LOCATION OF ELECTRIC PORTS. RE: PIZZA OVEN ELEC. CONN. DIAGRAM. SEE 07/E2.
10. J-BOX IN CEILING FOR REFRIGERATED MAKE-UP TABLES WITH 20A. CABLE SUSPENDING A 20A., 120V. SINGLE-PHASE TWIST LOCK RECEPTACLE AT 6'-0" AFF.
11. J-BOX MOUNTED IN WALK-IN COOLER FOR POWER TO EVAPORATOR & CONTROL SYSTEM.
12. EXTEND 1/2" WIRING FOR CONTROL WIRING TO WALK-IN COOLER'S CONDENSER LOCATED ON ROOF.
13. 3-POLE 30A. NON-FUSED 4-WIRE DISCONNECT SWITCH MOUNTED ON WALL @ 48" AFF FOR MIXER. GENERAL CONTRACTOR SHALL VERIFY ELECTRICAL INFORMATION FOR MIXER, PRIOR TO WIRING.
14. DOOR BELL PUSH-BUTTON MOUNTED AT 72" AFF, EDWARDS #690 TWO EACH WITH #149-1 FACEPLATE.
15. J-BOX MOUNTED ABOVE CEILING W/ DOOR BELL TRANSFORMER, EDWARDS #596.
16. DOORBELL, EDWARDS #660 FLUSH IN CEILING FOR FRONT DOOR.
17. J-BOX MOUNTED ABOVE CEILING FOR WALK-IN COOLER LIGHTS & DOOR HEATER. CONTRACTOR TO HOOK UP COOLER LIGHTS.
18. J-BOX IN CEILING FOR PRINTER WITH 20A. CABLE SUSPENDING A 20A., 120V. SINGLE-PHASE TWISTLOCK RECEPTACLE AT 6'-0" AFF.
19. 20A. DUPLEX OUTLET MOUNTED 60" AFF FOR FUTURE WATER SOFTNER
20. 20A. DUPLEX OUTLET FOR REFRIGERATED AIR DRYER.
21. 20A. DEDICATED DUPLEX OUTLET AND DEDICATED PHONE OUTLET MOUNTED 6" ABOVE DOOR FOR SECURITY SYSTEM.
22. PROVIDE CONDUIT SEALS AT RACEWAYS ENTERING THE WALK-IN COOLER TO PREVENT WARM AIR CIRCULATION THRU THE RACEWAYS PER NEC. ART. 300-7
23. J-BOX FOR TELEPHONE SYSTEM WITH 3/4" CONDUIT AND PULLSTRING UP IN WALL TO ABOVE CEILING.
24. 20 AMP, 120 V SIMPLEX CONVENIENCE OUTLET MOUNTED FLUSH IN CEILING FOR OWNER SUPPLIED MONITOR. RUN COAXIL CABLE TO CONTROL RACK AT SHOW ROOM.
25. 2' x 2' x 3/4" PLYWOOD TELEPHONE BACKBOARD BY G.C.
26. 3-POLE, 30A. NON-FUSED 3-WIRE DISCONNECT SWITCH MOUNTED ON WALL AT 15" AFF FOR DISHWASHER.
27. START / STOP CONTROLS FOR SIMULTANEOUS OPERATION OF HOOD EXHAUST AND MAKE-UP AIR UNITS, MOUNTED ON END OF HOOD.
28. TIME CLOCK AND RELAY FOR EXTERIOR LIGHTS AND SIGNS MOUNTED HIGH ON WALL.
29. J-BOX FOR POWER TO FIRE ALARM PANEL IN TECH ROOM.
30. DOORBELL, EDWARDS #661 FLUSH IN CEILING FOR BACK DOOR.
31. PROVIDE RED SWITCH AND RED COVER PLATE FOR EMERGENCY ON / OFF CONTROL OF SOLENOID VALVE ON GAS SERVICE TO PIZZA OVENS. PROVIDE CLEAR PLASTIC COVER OVER SWITCH. COORDINATE WITH PLUMBING CONTRACTOR.
32. 6" x 15" RECESSED WIREWAY MOUNTED AS INDICATED (REF DTL "A" THIS SHEET. WITH 2" CONDUIT STUBBED ABOVE CEILING WITH PULLSTRING, FOR MANAGER CONTROL PANEL. VERIFY LOCATION. RE: DTL. 02/E2
33. TYPICAL CONVENIENCE OUTLETS. PROVIDE NEW DUPLEX WALL OUTLETS AT 15" A.F.F. (3) OUTLETS PER 20 AMP CIRCUIT. PLATES SHALL BE LEVITON #80703-EN, RECEPTACLE LEVITON #5262SG6.
34. NEMA 3R NON-FUSED DISCONNECT FOR ROOFTOP "ICE MACHINE" CONDENSER.
35. NEMA 3R NON-FUSED DISCONNECT FOR ROOF TOP "WALK-IN-COOLER" CONDENSER.
36. 30A / 2-POLE NON-FUSED DISCONNECT ABOVE CEILING FOR WATER HEATER NR.2
37. MAINTAIN 3'-6" MIN IN FRONT OF PANELS
38. MUST "C" TV PICTURE USE RECESSED SIMPLEX OUTLETS @ 8'-0" AFF. (CLOCK OUTLETS)
39. FLUSH MOUNTED CEILING RECEPTACLE FOR SKY CRAWL VENT FANS. REF: SHT. E1 FOR LOCATION.
40. PHONE OUTLET
41. PROVIDE ONE DUPLEX OUTLET ABOVE CEILING OVER SKYTUBES.
42. INDICATES ISOLATED GROUND TYPE QUAD RECEPTACLE (ORANGE) TYP.
43. ANALOG DEDICATED PHONE OUTLET FOR CASH REG. & COMPUTERS.
44. TO REAR DOORBELL AND FRONT DOOR BELLS
45. PAY TELEPHONE CONDUIT STUB ABOVE CEILING. MOUNT TELEPHONE PER ADA. COIN OPERATION AND CONTROLS @ 54" MAX. A.F.F. (FORWARD REACH, OR 4" SIDE REACH) MOUNT SHELF SURFACE TO CLEAR 27" A.F.F.
46. J-BOX FOR POWER TO RECESSED MENU BOARD.
47. OUTLET FOR SAFE @48" AFF.
48. RECEPTACLE TO TICKET EATERS, CENTER BETWEEN TWO MACHINES @ 18" AFF.
49. 3" CONDUIT & POWER FROM RELAY PANEL AT ICE MACHINE TO ROOF CONDENSER.
50. THERMOSTAT HVAC CONTROL PANEL W/ J-BOX FOR POWER SUPPLY.
51. WEATHERPROOF OUTLETS FOR ROOFTOP HVAC UNITS TO BE GFCI.
52. PROVIDE DUPLEX OUTLET ABOVE CEILING FOR SKY CRAWL SOUND SYSTEM.
53. J-BOX ABOVE WINDOW WITH 6-FOOT LONG, 4-WIRE EXTENSION TO WINDOW BLIND MOTOR AT SIDE OF WINDOW
54. J-BOX IN CEILING FOR POS CABLE.
55. (NOT USED)
56. (NOT USED)
57. (NOT USED)
58. (NOT USED)
59. FLUSH MOUNTED J-BOX CENTERED ON WALL @ 8'-11" A.F.F. FOR LIGHT BOX.

GENERAL ELECTRICAL NOTES:

A. CIRCUITS FOR CASH REGISTERS SHOWN WITH ISOLATED GROUND SYMBOLS SHALL BE CONNECTED TO BUILDING GROUND WITH ISOLATED CONDUCTORS PER NEC ARTCLE 250.

B. GENERAL CONTRACTOR SHALL CHECK FOR CORRECT ROTATION OF AIR COMPRESSOR AND MIXER, AND SHALL MAKE ADJUSTMENTS AS NECESSARY.

C. ALL WIRES SHALL BE #12 AWG UNLESS NOTED OTHERWISE ON PLANS OR IN SPECIFICATIONS. ADJUST CONDUCTOR SIZE TO NOT EXCEED 3% VOLTAGE DROP PER NEC 210-9(A).

D. CONTRACTOR SHALL PROVIDE PULLSTRINGS IN ALL EMPTY CONDUITS.

E. CEILING SOUND SYSTEM WIRING WILL BE FURNISHED BY THE OWNER, INSTALLED BY ELECTRICAL CONTRACTOR.

F. FIRE ALARM SYSTEM SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR AND IS PART OF THIS CONTRACT. FIRE ALARM SYSTEM SHALL INCLUDE DUCT MOUNTED SMOKE DETECTORS IN S.A. OF ALL AC UNITS. ADA APPROVED SPEAKER/STROBES, MANUAL PULLSTATIONS, FLOW AND TAMPER SWITCHES FOR FIRE PROTECTION SYSTEM, FIRE ALARM PANEL, ETC. REFER TO SPECIFICATIONS.

G. NO EMT OR MC CABLE SHALL BE INSTALLED IN SLAB. NO MC CABLE SHALL BE INSTALLED IN WALLS.

H. NOT USED.

I. SECURITY SYSTEM SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR AND IS PART OF THIS CONTRACT. COORDINATE REQUIREMENT WITH OWNER.

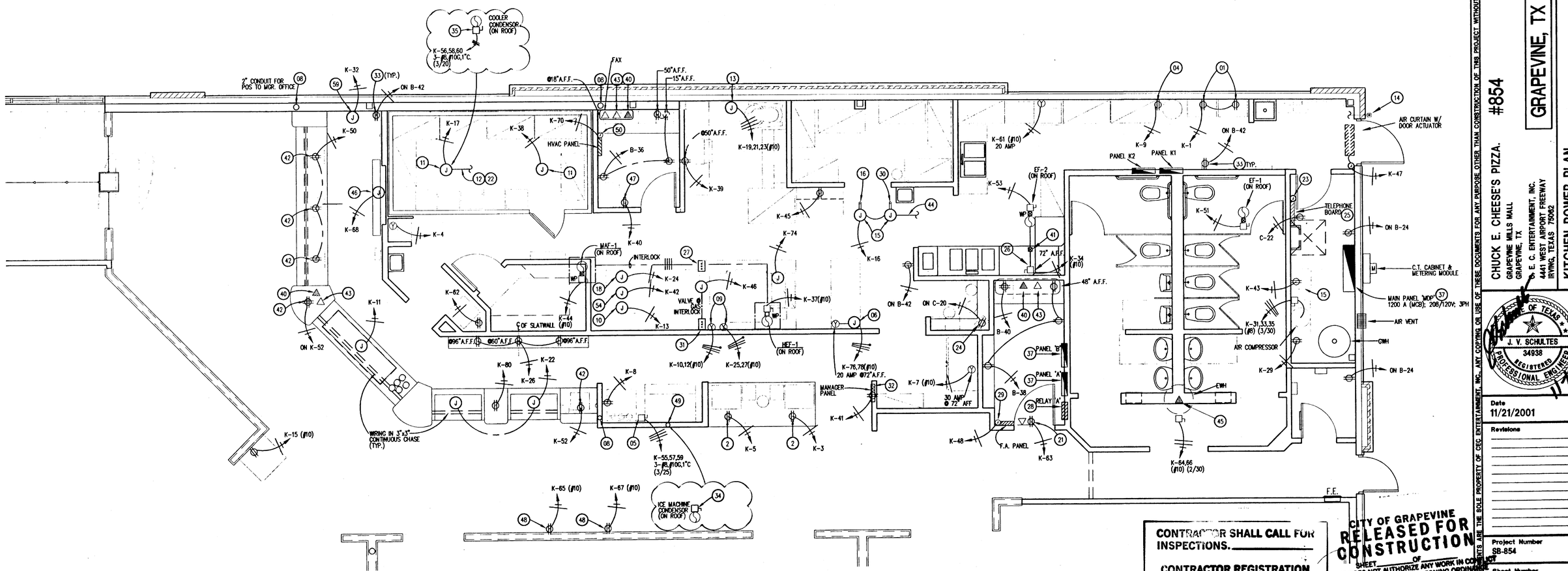
J. CONTRACTOR SHALL VISIT SITE & VERIFY CONDITIONS PRIER TO BID.

K. ALL WORK SHALL BE DONE TO SATISFY ALL LOCAL, STATE, FEDERAL CODES AND NEC.

L. ELECTRICAL SERVICE LATERAL SHALL COMPLY WITH CITY CODE OF SAN ANTONIO, CHAPTER 10, SECT. 10-93 (3) C.

M. ELECTRICAL SERVICE ENTRANCE CONDUCTORS SHALL COMPLY WITH CHAPTER 10, SECT. 10-93 (3) B & 1993 NEC 230-6; SERVICE DISCOUNT SHALL COMPLY WITH 1999 NEC 230-70 A

N. MC CABLE, IF USED, SHALL COMPLY WITH CHAPTER 10.



01 KITCHEN EQUIPMENT PLAN
SCALE: 1/4" = 1'-0"

CONTRACTOR SHALL CALL FOR INSPECTIONS.

CONTRACTOR REGISTRATION WILL BE REVOKED UPON PERMIT EXPIRATION.

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET ____ OF ____
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4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

KITCHEN POWER PLAN

STATE OF TEXAS
J. V. SCHULTES
34938
REGISTERED
PROFESSIONAL ENGINEER
11-7-01

Date
11/21/2001

Revisions

Project Number
SB-854

Sheet Number
E4
of 5

PANEL "A" & "B" ENCLOSURES SHALL BE SAME HEIGHT, DEPTH, & WIDTH.

BUS: 200A
MOUNTING: FLUSH
AIC: 10,000 MINIMUM

PANEL BOARD A SCHEDULE

208/120V,3P,4W — MAIN: 200A (MCB)

REMARKS	POLES & AMPS	LOAD SERVING WATTS A LTG	A PWR	B LTG	B PWR	C LTG	C PWR	NO. CKT	A	B	C	NO. CKT	LOAD SERVING WATTS A LTG	A PWR	B LTG	B PWR	C LTG	C PWR	POLES & AMPS	REMARKS
LIGHTING (A, K)	1P20	1350						1				2	1200						1P20	LIGHTING (A)
LIGHTING (D, K, F)	1P20			1440				3				4			1350				1P20	LIGHTING (A)
LIGHTING (D, K)	1P20					1310		5				6					1230		1P20	LIGHTING (A, F, D)
LIGHTING (K+A+D+F)	1P20	1340						7				8	450						1P20	LIGHTING (A, F)
LIGHTING (F,A,K,D)	1P20			1230				9				10			1330				1P20	LIGHTING (D, K + A)
LIGHTING (D+K, A)	1P20					1440		11				12							1P20	COVE LIGHTING
LIGHTING (D)	1P20	1300						13				14	--						1P20	SPARE
LIGHTING (A,K,D,F)	1P20			1220				15				16			1500				1P20	SIGN *
LIGHTING (K,A)	1P20					1430		17				18					1500		1P20	SIGN *
* AWNING LIGHTS	1P20	1000						19				20	1500						1P20	SIGN *
* AWNING LIGHTS	1P20			1000				21				22			1500				1P20	SIGN *
* AWNING LIGHTS	1P20					1000		23				24					1500		1P20	SIGN *
* AWNING LIGHTS	1P20	1000						25				26	1500						1P20	SIGN *
* AWNING LIGHTS	1P20			1000				27				28			1500				1P20	EXTR LIGHTS (C) *
* AWNING LIGHTS	1P20					1000		29				30					2500		1P30	MONUMENT SIGN *(#8)
* EXTR LIGHTS (C)	1P20	1200						31				32	1600						2P	SITE POLE *(#6)
* EXTR LIGHTS (R)	1P20			1200				33				34			1600				20	
* SPARE	2P							35				36					1600		2P	SITE POLE *(#6)
	20							37				38	1600						20	LIGHTS
L RELAY 'A'	1P20			500				39				40			1200				1P20	EXTR. LIGHTS (R) *
L EMERGENCY LIGHTS	1P20					1400		41				42					1200		1P20	EMERGENCY LIGHTS L
TOTAL WATTS		7190		7590		7580							7850		9980		9530			

PHASE A: 15,040 VA PHASE B: 17,570 VA PHASE C: 17,110 VA

TOTAL CONNECTED LOAD = 49,720 VA (138 AMPS) CONNECTED
TOTAL DEMAND LOAD = 59,280 VA (165 AMPS) DEMAND

* CIRCUIT CONTROLLED BY TIME CLOCK/PHOTOCELL/LIGHTING RELAY-A
L LOCKABLE CIRCUIT BREAKER

PANEL "A" & "B" ENCLOSURES SHALL BE SAME HEIGHT, DEPTH, & WIDTH.

BUS: 200A
MOUNTING: FLUSH
AIC: 10,000 MINIMUM

PANEL BOARD B SCHEDULE

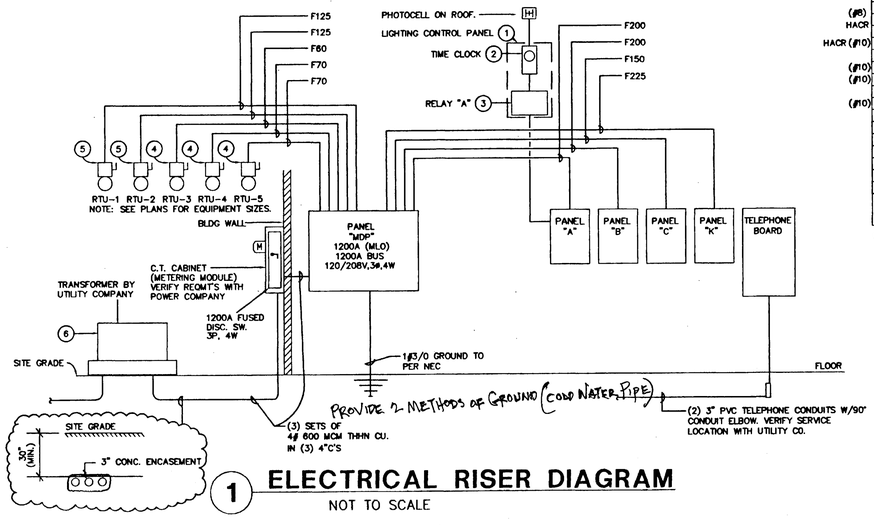
208/120V,3P,4W — MAIN: 200A (MCB)

REMARKS	POLES & AMPS	LOAD SERVING WATTS A LTG	A PWR	B LTG	B PWR	C LTG	C PWR	NO. CKT	A	B	C	NO. CKT	LOAD SERVING WATTS A LTG	A PWR	B LTG	B PWR	C LTG	C PWR	POLES & AMPS	REMARKS
GAMES	1P20		1000					1				2		800					1P20	GAMES
GAMES	1P20				1000			3				4				800			1P20	GAMES
GAMES	1P20						1000	5				6						800	1P20	GAMES
GAMES	1P20		1000					7				8	800						1P20	GAMES
GAMES	1P20				1000			9				10				800			1P20	GAMES
GAMES	1P20						1000	11				12						800	1P20	GAMES
GAMES	1P20		1000					13				14	800						1P20	GAMES
GAMES	1P20				1000			15				16				800			1P20	GAMES
GAMES	1P20						1000	17				18						800	1P20	GAMES
GAMES	1P20		1000					19				20	800						1P20	GAMES
GAMES	1P20				800			21				22				1000			1P20	RTU RECP. (5) GFCI(#10)
GAMES	1P20						800	23				24						400	1P20	RECP. (2) CORRIDOR MECH.
GAMES	1P20		800					25				26	600						1P20	RECP. (3) KIDDIE
GAMES	1P20				800			27				28				600			1P20	RECP. (3) SHOW RM.
GAMES	1P20						800	29				30						800	1P20	GAMES
GAMES	1P20		800					31				32	800						1P20	GAMES
GAMES	1P20				800			33				34				800			1P20	RECP.(4) CORRIDOR
GAMES	1P20						800	35				36						800	1P20	RECP. (4) OFFICE
RECP. VENT FANS (2)	1P20		400					37				38	800						1P20	RECP. (4) TECH. RM.
RECP. (3) SOUND	1P20				600			39				40				400			1P20	RECP. (2) TECH. RM.
RECP. (2)	1P20						400	41				42						800	1P20	RECP. (4) KITCHEN
TOTAL WATTS			6000		6000		5800						5800		5200		5200			

PHASE A: 11,800 VA PHASE B: 11,200 VA PHASE C: 11,000 VA

TOTAL CONNECTED LOAD = 34,000 VA (95 AMPS) CONNECTED
TOTAL DEMAND LOAD = 34,000 VA (95 AMPS) DEMAND

L LOCKABLE CIRCUIT BREAKER



1 **ELECTRICAL RISER DIAGRAM**

NOT TO SCALE

BUS: 200A
MOUNTING: SURFACE
AIC: 10,000 MINIMUM

PANEL BOARD C SCHEDULE

208/120V,3P,4W — MAIN: 150A (MCB)

REMARKS	POLES & AMPS	CONNECTED LOAD VOLT AMPS A LTG	A PWR	B LTG	B PWR	C LTG	C PWR	NO. CKT	A	B	C	NO. CKT	CONNECTED LOAD VOLT AMPS A LTG	A PWR	B LTG	B PWR	C LTG	C PWR	POLES & AMPS	REMARKS
CABINET PB-1	1P20		1400					1				2		1400					1P20	CABINET PB-1
CABINET PB-1	1P20				1400			3				4				1400			1P20	CABINET PB-1
CABINET PB-2	1P20						1400	5				6						1400	1P20	CABINET PB-2
CABINET PB-2	1P20		1400					7				8		1400					1P20	CABINET PB-2
TRACK RECEPT. (2)	1P20				400			9				10				900			1P20	MONITORS (3)
TRACK RECEPT. (2)	1P20						400	11				12						900	1P20	MONITORS (3)
DECOR RECEPT. (4)	1P20		800					13				14							1P20	SPARE
LIGHT(D,K)	1P20			600				15				16							1P20	SPARE
LIGHT(D, G)	1P20				600			17				18				350			1P20	WORK LIGHTS
LIGHT (G+K)	1P20	900						19				20		600					1P20	KITCHEN MONITOR (2)
SPARE	1P20							21				22				600			1P20	TEL. BOARD L
SPARE	1P20							23				24							1P20	SPARE
COMM. RECEPT(2)	1P20		400					25				26							1P20	SPARE
TV AWARD (5)	1P20				1000			27				28				360	400		1P20	BLUE SCRN. LTS. & RECPT.
TV AWARD (3)	1P20						600	29				30						400	1P20	RECP. (2)
SPARE	1P20							31				32							1P20	SPARE
SPARE	1P20							33				34							1P20	SPARE
SPARE	1P20							35				36							1P20	SPARE
SPARE	1P20							37				38							1P20	SPARE
GAMES	1P20				800			39				40							1P20	SPARE
GAMES	1P20						800	41				42							1P20	SPARE
FINAL TOTALS			900	4000	600	3600	600	3200						3400	360	3300	350	2700		FINAL TOTALS

PH A: 8,300 VA PH B: 7,860 VA PH C: 6,850 VA

TOTAL CONNECTED LOAD = 23,010 VA (64 AMPS) CONNECTED
TOTAL DEMAND LOAD = 23,720 VA (66 AMPS) DEMAND

ALL BRANCH CIRCUITS SHALL USE #12 CU CONDUCTOR UNLESS NOTED OTHERWISE.
L-LOCKABLE CIRCUIT BREAKER

PANEL "K1" & "K2" SECTIONS SHALL BE SAME HEIGHT, DEPTH, & WIDTH.

BUS: 225A
MOUNTING: FLUSH
AIC: 10,000 MINIMUM

PANEL BOARD SCHEDULE

208/120V,3P,4W

SECTION: K-1 — MAIN: 225 MLO

REMARKS	POLES & AMPS	CONNECTED LOAD VOLT AMPS A LTG	A PWR	B LTG	B PWR	C LTG	C PWR	NO. CKT	A	B	C	NO. CKT	CONNECTED LOAD VOLT AMPS A LTG	A PWR	B LTG	B PWR	C LTG	C PWR	POLES & AMPS	REMARKS
CARBONATOR-03	1P20		930					1				2		--					1P20	SPARE
COKE DISPENSOR-02	1P20				420			3				4				1700			1P20	COFFEE MAKER-K6 (#10)
COKE DISP-02&TEAURN-X5	1P20						480	5				6						--	1P30	SPARE (#10)
(#10) FREEZER-K34	1P20		1320					7				8		3000					1P30	COTTON CANDY MACH.-K64 (#10)
WATER MGMT. SYS.	1P20				1800			9				10				500			2P	PIZZA OVEN-K13 (4-WIRE) (#10)
SNEEZE GUARD LIGHT	1P20						400	11				12						500	20	-----
PIZZA TABLE-K10	1P20		500					13				14		--					1P20	SPARE
(#10) ICECREAM-K36	1P20				1200			15				16				250			1P20	DOORBELL
COOLER EVAPORATOR	1P20						770	17				18						400	1P20	BIRTHDAY PODIUM RECP.(2)
-----	3P		1090					19				20		200					1P20	COOLER LIGHTS
(#10) MIXER-K23					1090			21				22				800			1P20	DISP CASE LTG & MENU BRD
-----	20						1090	23				24						900	1P20	PRINTER-K10
(#10) PIZZA OVEN-K13	2P		500					25				26		400					1P20	SLATWALL OUTLETS (2)
----- (4-WIRE)	20				500			27				28				1500			2P	DUCT HTR (#10)
AIR DRYER-022	1P20						720	29				30						1500	20	
-----	3P		2000					31				32		800					1P20	LIGHT BOX
(#8) AIR COMPRESS.-X22 HACR					2000			33				34				1680			1P20	DISHWASHER-K48 (#10)
-----	30						2000	35				36							1P20	SPARE
HOOD EXHAUST-K14	1P20		1900					37				38		--					1P20	SPARE (#10)
DOUGH ROLLER-K29	1P20				670			39				40				200			1P20	SAFE-X20
MANAGER'S PANEL	1P20						600	41				42						500	1P20	POS
K-1 TOTALS			8240		7680		6060							4400		6630		3800		K-1 TOTALS

PHASE A: 12,640 VA PHASE B: 14,310 VA PHASE C: 9,860 VA

TOTAL CONNECTED LOAD = 36,810 VA (102 AMPS)
TOTAL DEMAND LOAD = 23,930 VA (66 AMPS) DEMAND

SECTION: K-2 — MAIN: 225 MLO

WATER SOFTENER	1P20		500					43				44		870					1P20	HOOD MAF-1
SANDWICH TABLE-K20	1P20				780			45				46				200			1P20	GAS SHUT-OFF VALVE L
AIR CURTAIN (K-71)	1P20						600	47				48						500	1P20	FIRE ALARM PANEL L
SPARE	1P20		--					49				50		1200					1P20	CASH WRAP (3)
EF-1	1P20				600			51				52				400			1P20	CASH WRAP (1)
EF-2	1P20						600	53				54						--	1P20	SPARE
-----	3P		2040					55				56		1290					3P	----- (#10)
(#8) ICE MACHINE-K45 HACR					2040			57				58				1290				WALK-IN COOLER-K35 HACR
-----	25						2040	59				60						1290	20	-----
HACR (#10) CHEST FREEZER-K37	1P20		1800					61				62		800					1P20	SALAD COOLER-K3
SECURITY SYSTEM	1P20				500			63				64				2300			2P	W.H.#2 E.W.H. (#10)
(#10) TICKET EATER	1P20						1500	65				66						2300	30	-----
(#10) TICKET EATER	1P20		1500					67				68		940					1P20	MENU SIGNAGE
SPARE	1P20				--			69				70				200			1P20	HVAC PANELS L
(#10) WINDOW BLINDS	1P20						1500	71				72						300	1P20	HOOD LIGHTS-K14
SPARE	1P20							73				74		400					1P20	HOOD CONTROL-K14 L
SPARE	1P20							75				76				1400			2P	INFRARED FOOD WARMER-K16 (#10)
SPARE	1P20				--			77				78						1400	20	----- (4-WIRE)
SPARE	1P20							79				80		400					1P20	FUTURE POS
SPARE	1P20							81				82							1P20	SPARE
SPARE	1P20							83				84							1P20	SPARE
K-2 TOTALS			6340		3920		6240							5900		5790		5790		

PHASE A: 12,240 VA PHASE B: 9,710 VA PHASE C: 12,030 VA

TOTAL CONNECTED LOAD = 33,980 VA (95 AMPS) CONNECTED
TOTAL DEMAND LOAD = 22,090 VA (62 AMPS) DEMAND

L LOCKABLE CIRCUIT BREAKER

NOTES

1. LIGHTING CONTROL PANEL EQUIPPED WITH 2 EACH "HAND" (ON), "OFF", "AUTOMATIC" SWITCHES FOR SELECTION OF OPERATING MODE, ASCO#8541AS
2. TIMECLOCK : 24 HOUR, SEVEN DAY ELECTROMECHANICAL TIMER TO CONTROL SIGNAGE SIGNALS TO RELAY. CONTRACTOR SHALL SET CLOCK TO TURN SIGN OFF TWO HOURS AFTER CLOSING AS DIRECTED BY THE OWNERS REPRESENTATIVE.
3. RELAY "A": TWO EACH 12 POLE ELECTRONICALLY OPERATED LIGHTING CONTACTORS, 20 AMP/POLE AT 120VAC. RELAYS SHALL CLOSE ON SIGNAL FROM PHOTOCELL AND OPEN ON SIGNAL FROM TIMECLOCK; ASCO #91712 WITH ACCESSORY #47 IN NEMA 1 LIGHTING CONTROL PANEL ENCLOSURE
4. W.P., 3P, 250V, 100A DISC SWITCH WITH FRN-R-FUSES, RATED PER RTU MFR. RECOMMENDATION.
5. W.P., 3P, 250V, 200A DISC SWITCH WITH FRN-R-FUSES, RATED PER RTU MFR. RECOMMENDATION.
6. EQUIPMENT BY PUBLIC SERVICE CO. USE UNDERGROUND CONDUIT TO PULL SERVICE CONDUCTORS.

BUS: 1200A
MOUNTING: SURFACE
AIC: 42,000 MINIMUM

PANEL BOARD MDP SCHEDULE

208/120V, 3P, 4W — MAIN: 1200A (MLO)

REMARKS	VA	BREAKER	CKT	A B C	CKT	BREAKER	VA	LOAD
RTU-1	11,520	'HACR' 125	1		2	'HACR' 70	7,200	RTU-4
	11,520		3		4		7,200	
	11,520	3	5		6	3	7,200	
RTU-2	11,520	'HACR' 125	7		8	'HACR' 70	7,200	RTU-5
	11,520		9		10		7,200	
	11,520	3	11		12	3	7,200	
RTU-3	6,120	'HACR' 60	13		14	'HACR' 150	8,300	PANEL C
	6,120		15		16		7,860	
	6,120	3	17		18	3	6,850	
PANEL A	15,040	200	19		20	225	24,880	PANEL K
	17,570		21		22		24,020	
	17,110	3	23		24	3	21,890	
PANEL B	11,800	200	25		26	100		SPACE
	11,200		27		28			
	11,000	3	29		30	3		
SPACE			31		32			SPACE
			33		34			
			35		36			

PHASE A: 103,580 VA
PHASE B: 104,210 VA
PHASE C: 100,410 VA

PANEL CONNECTED TOTAL: 308,200 VA TOTAL AMPS: 856 AMPS CONNECTED
PANEL DEMAND TOTAL: 301,130 VA TOTAL AMPS: 837 AMPS DEMAND

LOAD SUMMARY

LOAD (VA)		CONNECTED LOAD (VA)	DEMAND FACTOR	DEMAND LOAD (VA)	REMARKS
LIGHTING		41,030	1.25	51,290	
RECP.	10KVA	10,000	1.00	10,000	
	ADDITIONAL	2,400	0.50	1,200	
SIGNS		11,500	1.00	11,500	
GAMES		27,600	1.00	27,600	
SHOW EQUIPMENT		11,200	1.00	11,200	
KITCHEN EQUIPMENT		70,790	0.65	46,020	
HVAC LOADS		130,680	1.00	130,680	
MISC.		3,000	1.00	3,000	
25% LARGEST MOTOR				8,640	
TOTAL VA		308,200		301,130	
TOTAL AMPS		856		837	

SERVICE: USE 1200 AMP, 208/120VOLT, 3 PHASE, 4-WIRE (INCLUDES FUTURE POTENTIAL CAPACITY)

SWITCH, FUSE, FEEDER & CONDUIT SCHEDULE

SYMBOL	SWITCH	FUSE	FEEDERS THHN	CONDUIT
F30	30A	30A	4#8 CU	1" C.
F40	60A	40A	4#6 CU	1" C.
F50	60A	50A	4#4 CU	1-1/4" C.
F60	60A	60A	4#4 CU	1-1/4" C.
F70	100A	70A	4#2 CU	1-1/2" C.
F80	100A	70A	4#2 CU	1-1/2" C.
F100	100A	100A	4#1 CU	1-1/2" C.
F125	200A	125A	4#1/0 CU	2" C.
F150	200A	150A	4#2/0 CU	2" C.
F175	200A	175A	4#3/0 CU	2" C.
F200	200A	200A	4#4/0 CU	2-1/2" C.
F225	400A	225A	4#250 MCM CU	3" C.
F250	400A	250A	4#350 MCM CU	3" C.
F300	400A	300A	4#400 MCM CU	3" C.
F400	400A	400A	8#4/0 MCM CU	(2)2-1/2" C.
F450	600A	450A	8#350 MCM CU	(2)3" C.
F500	600A	500A	8#400 MCM CU	(2)3" C.
F600	600A	600A	8#500 MCM CU	(2)3" C.
F800	800A	800A	12#400 MCM CU	(3)3" C.

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET_____ OF _____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE_____ BY_____
BUILDING INSPECTION DIVISION
RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY. ALL CHANGES MUST BE APPROVED.

THESE DOCUMENTS ARE THE SOLE PROPERTY OF CEC ENTERTAINMENT, INC. ANY COPYING OR USE OF THESE DOCUMENTS FOR ANY PURPOSE OTHER THAN CONSTRUCTION OF THIS PROJECT WITHOUT EXPRESSED WRITTEN PERMISSION OF THE ARCHITECT AND CEC ENTERTAINMENT, INC. IS PROHIBITED.

ARCHITECTURE — PLANNING — DESIGN
C.T. CHANG & ASSOC. INC.
1010 W. EULESS BLVD., SUITE 110
EULESS, TX 76040 817 354-6010

CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

ELECTRICAL PANEL SCHEDULES & RISER DIAGRAM

STATE OF TEXAS — J. V. SCHULTES — 34938 — REGISTERED PROFESSIONAL ENGINEER

Date
11/21/2001

Revisions

Project Number
SB-854

Sheet Number
E5
of 5

SPECIFICATIONS

DIVISION 1 - GENERAL CONDITIONS

01010 Summary of Work

1.01 WORK COVERED BY CONTRACT DOCUMENTS

A. Work of this Contract comprises, but is not limited to, general construction for a Freestanding Project, including site work, finish out, HVAC, electrical, and plumbing for a CEC Entertainment, Inc. (CEC); Chuck E. Cheese Unit.

B. It is intent of these Documents, that they represent a complete turn key project for the scope of work described.
1. Exceptions and inconsistencies in the Documents shall be brought to the attention of the Architect prior to submission of bids.
   a. Qualifications of bids will not be accepted without prior approval of the Owner's Representative.
   b. Exceptions and inconsistencies in the Documents shall not be a basis for a Change Order.
2. In case of difference between building codes, state laws, local ordinances, industry standards, utility company regulations and the Contract Documents, the most stringent shall govern. Any work involved with these differences shall be performed at no additional cost to the Owner.

1.02 WORK BY OTHERS

A. Landlord / Tenant (CEC) Responsibility:
1. Responsibility for the Work as described in the Drawings and Specifications shall be as set forth in the Lease and as agreed to by the Landlord and the Tenant.

1.03 CONTRACT METHODS

Construct the Work under a single lump sum contract.

1.04 CONTRACTOR USE OF THE SITE

A. Limit use of premises for Work and for construction operations.

B. Contractor shall coordinate all construction activities and staging of materials during the construction of the project with the Owner's representatives in order to achieve the least possible interference with local regular Owner operations, business, parking, dumpster, etc.

1.05 GENERAL CONTRACTOR COORDINATION

A. Coordinate work of the various sections of specifications to assure efficient and orderly sequence of installation of construction elements, with provisions for accommodating items installed later.

B. Coordinate all work of various sections of the specifications having interdependent responsibilities.

C. Coordinate space requirements and installation of plumbing and electrical work which are indicated diagrammatically on Drawings.
1. Follow routing shown for pipes, ducts and conduits, as closely as practicable; make runs parallel with lines of building.
2. Utilize spaces efficiently to maximize accessibility for other installations, maintenance and repairs.

D. Execute cutting and patching to integrate elements of Work, uncover ill-timed or non-conforming work, provide openings for penetrations of existing surfaces, and provide samples for testing.
1. Seal penetrations through floors, walls and ceilings. Provide fire ratings as required by Code.
2. Return all cut, uncovered or excavated areas to their original condition, unless these areas are scheduled to receive new surfaces.

1.06 MISCELLANEOUS FEES:

Landlord shall pay all impact, utility reserve, tap, connection and use fees related to Tenant's projected utilization of infrastructure including, but not limited to, road improvement; water and sewer; fire protection mains; police; fire and emergency; recreation and maintenance; median strip and landscaping, rezoning fees; parking studies and special permit fees, provided, however, that Tenant shall pay for fees related to the physical connection of utilities.

1.07 PERMITS:

Landlord and/or Contractors and/or Subcontractors shall obtain all necessary permits for the Work.

1.08 TEMPORARY UTILITIES:

Landlord and/or Contractors and/or Subcontractors are responsible for temporary utilities for their work including payment of utility bills.

1.09 HAZARDOUS MATERIALS

Landlord warrants the site and/or building is free of asbestos containing materials (ACM) and any other hazardous materials, if not, will remove and dispose of any asbestos or other hazardous materials in accordance with all applicable laws.

01310 Construction Schedules

General Contractor shall furnish a construction schedule to provide adequate planning of the execution of the Work.

01340 Submittals

Make all submittals required and as necessary to establish compliance with the specified requirements of the Work and in a timely manner to complete schedules.

01410 Testing Laboratory Services

Provide testing and inspecting, complete as required for various sections of the Work and as required by governmental agencies.

01500 Temporary Facilities and Controls

General Contractor shall provide all temporary services and controls as required to accomplish the Work.

01630 Substitutions and Product Options

No Substitution of Products, Materials or Equipment specified herein will be allowed unless submitted with substantiating data prior to installation , and approved in writing by CEC Entertainment, Inc.

01710 Cleaning

Schedule final cleaning prior to turning project over to the Owner. Professionally clean the entire building. Change out HVAC filters. Clean glass inside and out. Polish all surfaces.

01720 Project Record Documents

General Contractor shall maintain and furnish to Owner at completion, a complete set of record documents showing all changes made during construction.

01730 Operation, Maintenance & Warranty Data

General Contractor shall furnish to Owner at completion, a complete set of operating, maintenance and warranty manuals for all components of the Work, including but not limited to equipment, fixtures, products and finishes.

DIVISION 2 - SITE WORK

02070 Selective Demolition

A. Remove items as designated or implied to be removed on the Drawings. Provide and place bracing and/or shoring as required and be responsible for the safety and support of the existing structures.

B. Secure any necessary permits or clearances as required to facilitate the demolition and/or the transportation of the debris. Dispose of all debris in accordance with laws in effect at the site.

02100 Site Preparation

A. Provide all site preparation, earthwork and finish grading as required for complete project including all controls and protection of adjacent properties.

B. Provide adequate parking per code, parking lot lighting, accessible parking locations per applicable codes, ordinances and the Americans with Disabilities Act (ADA).

02200 Earthwork and Finish Grading

A. Perform all work required to complete earthwork to grades shown on the Drawings. All select fill shall have a liquid limit of less than 30, a plasticity index between 4 and 12 and be free of trash and rocks.

B. Provide topsoil consisting of sandy loam, free from rubble, stones, clay lumps, extraneous material and roots. Fine grade areas to achieve positive drainage and contours as shown on Drawings.

02383 Spread Footings

Excavate to depths required, form, shore and place concrete spread footings as required for structures as dictated by the Geotechnical Report. Place concrete with use of a tremie and vibrate as required to fully embed reinforcing steel and eliminate voids, but not so much as to separate aggregate.

02521 Reinforced Concrete Paving

A. Perform all work required to complete paving, sidewalks, curbs, ramps and/or drives as required
All site concrete work shall be per local codes or a minimum 4" thick with 6/6 x 10/10 welded wire mesh. Place control joints at 5'-0" on center and expansion joints at 30'-0" on center minimum.

B. Provide handicapped accessibility pursuant to City, County and State Handicap Codes as well as the Americans with Disabilities Act (ADA).

02523 Dumpster Enclosure

Provide enclosed dumpster, as required, convenient to service door in accordance with local codes and regulations. Enclosure shall be of sufficient size and complete with guard posts and cold water hose bib.

02570 Asphalt Pavement

Provide base course of compacted subgrade. Apply binder course of 3-1/2" to 4" course graded asphalt. Apply 1" to 1-1/2" fine graded surface coat for a total of 5". Roll to 95% of Lab density.

02580 Pavement Markings

Provide complete parking striping, handicapped markings and fire lanes as required by City, State & ADA.

02800 Landscape and Irrigation

Provide plans, submissions to agencies and/or modifications to landscape and irrigation as required by Landlord, ordinance, code or applicable agency.

DIVISION 3 - CONCRETE

03200 Concrete Reinforcement

Deformed billet steel bars shall conform to ASTM A-615, Grade 60. Ties & stirrups shall be Grade 40.

03300 Cast-in-Place Concrete

Provide concrete floor slab in all areas. Slab to be a minimum of 4" thick with proper structural reinforcement, designed with sufficient structural support (grade beams) as designed by Registered Structural Engineer in accordance with Geotechnical Report.

DIVISION 4 - MASONRY

04210 Brick Unit Masonry

A. Provide unit masonry with wall ties at 32" O.C. each way or as required by local codes.

04220 Concrete Unit Masonry

A. Provide standard 8" CMU reinforced with #5 at 32" O.C. vertically or as required by local codes.

B. Provide full foamed insulation in all masonry cavities of exterior walls not filled with mortar.

DIVISION 5 - METALS

05100 Structural Metal Framing

Provide and erect steel beams, tube columns, truss girders and bracing as shown on Drawings.

05200 Metal Joists

Provide and erect metal joists as shown and scheduled. In areas shown, joist shall be heavy duty to carry the loads of the "Skycraw".

05300 Metal Decking

Provide and erect metal decking as shown and scheduled.

05400 Cold-Formed Metal Framing

Provide and install 6" 18 gauge metal studs and miscellaneous cold-formed furring components as required for a complete installation.

05500 Metal Fabrications

Provide and install all fabricated metals including but not limited to "Skycraw" framing, bollards, roof ladder. lintels, angles, plates, inserts and miscellaneous components required for all Sections of the Work.

05720 Ornamental Metal

Provide and install all ornamental metals including but not limited to "Lavi Industries" 888/213/8209 including but not limited to plates, pipes, rails, fittings and accessories as scheduled:

DIVISION 6 - WOOD AND PLASTICS

06100 Rough Carpentry

Provide and install all rough carpentry items as required for a complete and proper installation and as required by code. Provide fire retardant treated wood when required by code.

WOOD FRAMING:
Grade marked Douglas Fir-Larch Structural grade No. 1 wood framing as shown on Drawings.

SILLS, PLATES AND LEDGERS:
Grade marked Douglas Fir-Larch Structural grade No. 2 wood framing as shown on Drawings. All sills or plates on concrete or masonry shall be pressure treated or equal.

GLU-LAM BEAMS AND POSTS:
Engineered glu-lam beams and posts shall comply with "Standard specifications for structural glued laminated Douglas Fir Timber". Fabricator shall submit a certificate of inspection to the building official for each beam and post prior to erection. Submit shop drawings for review prior to fabrication.

JOISTS:
"Truss Joist" type as shown on the Drawings. Provide design calculations and shop drawings for review prior to fabrication. Provide all required blocking, bracing, hangers and bridging required for a complete and proper installation.

SHEET GOODS:
Sheathing: 1/2" CDX (minimum 5 ply) exterior I or equivalent 1/2" OSB.
Decking: 3/4" 48/24 structural grade; T&G plywood.

BLOCKING AND MISCELLANEOUS ITEMS:
Provide and install blocking, backing and miscellaneous framing for all components and equipment as shown on the Drawings.

HARDWARE:
All rough hardware, fasteners and misc. items required for proper installation of components as shown.

06200 Finish Carpentry

Furnish and install all items NOT INCLUDED in the Owner's Millwork Package, including but not limited to wood trim, mouldings, wall caps, light gutter, vanities and accessories for a complete and proper installation.

06410 Millwork

Install OWNER FURNISHED MILLWORK PACKAGE from Midwest Cabinet Co., Inc, 1674 Industrial Avenue, Ottawa, KS 66067; contact John Griffin 913/242-8181 for detailed list of items in Package.

DIVISION 7 - THERMAL & MOISTURE

07210 Building Insulation

A. Provide and install building insulation such as manufactured by The Manville Corporation or equal at all exterior walls. Provide tape and sealer as recommended by manufacturer of insulation with fire resistive and perm rating equal to the insulation
1. FOIL-FACED BATT INSULATION installed in all exterior stud walls. R-19 minimum.
2. UNFACED BATT INSULATION installed in all perimeter partitions of toilets, mechanical room and in other interior partitions where indicated on Drawings. R-11 minimum.
3. SEMI-RIGID INSULATION BOARD installed in all furred exterior walls. R-4.3 minimum.
4. FOUNDATION PERIMETER INSULATION (required to depth as dictated by frost line condition). Install 3/4" thick "Energy Shield" rigid insulation board at all perimeter foundations. R-5.2 minimum.

B. Provide noise abatement such as necessary to satisfy requirements of local governing authorities as well as adjacent tenant.

07270 Weather Resistant Membrane:

Furnish & install Tyvek CommercialWrap by DuPont Company on exterior of all exterior wall sheathing.

07510 Built-up Bituminous Roofing System

Provide 4-ply Built-up Roofing (BUR) Membrane, fiber glass mineral surfaced cap sheet, R-20 rigid insulation, cants, base flashings and accessories to provide a complete watertight roofing system. Provide a complete 10 year manufacturers warranty.

07600 Flashing and Sheet Metal

Provide and install all scuppers, pitch pans, gutters and downspouts as required in 24 gauge "paintgrip" galvonized iron as required and as approved by the roofing system manufacturer.

07920 Sealants and Caulking

Provide and install all required sealants, caulkings and accessories for all components of the Work.

DIVISION 8 - DOORS AND WINDOWS

08100 Metal Doors and Frames

A. Provide and install all 16 gauge hollow metal door frames with anchors and hardware cutouts.
B. Provide and install all 18 gauge hollow metal doors as shown. Doors shall be prepared to receive finish hardware as approved on submitted schedule. Furnish labels as required by governing codes.

08211 Flush Wood Doors

Provide and install plastic laminate covered solid core flush slab wood doors (WilsonArt Hollyberry Red Grid D307-76) and painted wood doors (AWI Custom Grade 1300-G-3, PC-5 core).

08380 Traffic Doors

Eliason Corp. Model SCP-4 w/ pivotal hinges, 9"x14" acrylic window, jamb guards, 18" stainless steel kickplates. Kitchen side: stainless. Pick-up side: WilsonArt Holly Berry D307-76.

08411 Aluminum Storefronts

Kawneer's Trifab 451 series or equal. Double glazed stick system fabrication 1-3/4" x 4-1/2" framing.
Kawneer #190 exit doors. Dark bronze #40 anodized aluminum finish.
Kawneer Company, Inc., Memphis, TN; Mitch McQueen 800-865-1485.

08412 Aluminum Entrance Doors

Kawneer Wide Stile Entrance Units, Kynar 500 #384FD69 Premier Red. Dark bronze anodized frames to match storefront. Hardware as scheduled. Kawneer Company, Inc., Memphis, TN.
Mitch McQueen 800-865-1485.

08710 Finish Hardware

Submit hardware schedule and keying schedule based on documents for approval. Furnish and install all finish hardware on approved schedule. Mount all door closers to non-public side of doors.

08800 Glazing

Comply with all agencies having jurisdiction over the project.
GLASS:
Provide and install all insulated glazing and single glazing as required for a complete installation. Exterior glazing shall be PPG 1" insulated units w/ S.C.=0.58 (1/4" bronze exterior & 1/4" clear interior).
MIRRORS:
Provide and install all mirrors in Costume Room.

DIVISION 9 - FINISHES

09201 Exterior Insulation & Finish System

Provide all material, labor, and equipment necessary for a complete installation of the Fluid-applied E.I.F.S. (Dryvit) System, done in strict accordance with all applicable state and local codes to provide a complete and watertight installation by a manufacturer licensed applicator.
1. The Dryvit System, including all related products and materials, shall be installed in strict accordance with the latest published recommendations and specifications of Dryvit Systems, Inc.
2. Finish: Dryvit "SANDBLAST"
3. Colors: Dryvit #456 "OYSTER SHELL" and Dryvit #387A "PANCAKE".

09260 Gypsum Wall Board System

Provide all Gypsum Wallboard (5/8" type X, grade X), Cement Backerboard (Durock or Wonderboard), Drywall Studs (2-1/2", 3-5/8" & 6"), Metal trim, Corner beads, joining system , fastening devices and other material for a complete and proper drywall installation.

09311 Ceramic Tile

Provide and install all scheduled ceramic wall and floor tile in patterns as shown on Drawings.
Contact Tim Scroggins at American Tile 214/243-2377:

09330 Quarry Tile

Provide and install all scheduled quarry tile in service areas as shown on drawings.
Contact Tim Scroggins at American Tile 214/243-2377:

09510 Acoustical Ceilings

Provide adequate structural height to allow 12' ceilings. Provide acoustical ceiling at elevations scheduled in locations shown on Drawings. Grid & Tile shall be by Armstrong, contact Ron Fry 800/448-1405.

09660 Resilient Tile Flooring

Provide and install resilient tile flooring where scheduled with adhesive as approved by the manufacturer.

09678 Resilient Base

Provide and install 4" high rubber base as scheduled with adhesive as approved by the manufacturer.

09697 Carpet

Provide and install carpet, black transition strips and accessories as scheduled.
Contact Tom Davis, Harbinger Carpets, Atlanta, GA 972/529-2638

09900 Painting

Provide and apply paint to all interior and exterior surfaces required to receive paint. All surfaces shall be prepared, primed and painted with Sherwin Williams materials formulated for the specific surface. Submit schedule, samples, manufacturers product data and colors for approval prior to starting work.

09971 Fiberglass Wall Panels

Provide and install scheduled FRP with accessories and trim where shown on Drawings.

09972 Marlite Wall Panels

Provide and install scheduled marlite panels where shown on Drawings.

DIVISION 10 - SPECIALTIES

10162 Toilet Partitions

Provide and install floor mounted overhead braced toilet partitions as manufactured by Ampco Products, Inc. or approved equal where shown on the Drawings and specified herein for complete installation.
1. High Pressure Laminate (HPL) Clad Compartments:
   a. Colors: WilsonArt, Holly Berry D307-90 matte finish.
   b. Core: 3 ply, 42/45 lb. density particleboard.
      1) Doors: 7/8" thick with sharp edges removed.
      2) Panels: 7/8" thick
      3) Pilasters: 1-1/4" thick
2. Top brackets:
   a. Bright anodized aluminum channel 1-7/16" x 1-1/4" anti-grip design and thru-bolted through fronts.
   b. Front shall be secured to the floor with 12 gauge type 304 stainless angle and two (2) 5/16" studs with leveling nuts and washers.
3. Floor shoe: one piece, 3" high, stainless steel.
4. Accessories: Combination coat hook and bumper at each stall.
5. Hardware: compartments shall have all hardware and fasteners necessary for complete installation.
   a. Hinges shall be surface mounted and made of chrome plated ZAMAC.
   b. Top hinges shall have concealed ABS adjustable cams with chrome plated ZAMAC reinforcing pin.
   c. Stop, keeper and slide latch shall be chrome plated ZAMAC.
   d. All brackets shall be chrome plated ZAMAC.
   e. All hardware shall be thru-bolted with one-way fasteners.

10260 Wall Corner Guards

A. Provide and install "WHITE GLOSSY" CORNER GUARDS (254G 1-1/8" x 4'-0") at all exposed corners except kitchen areas. Foremost Manufacturing, Charlie Gobaugh 800-325-7356.

B. Provide and install STAINLESS STEEL CORNER GUARDS (CF-3548, 2" x 2" x 18 gauge x full height) at all kitchen and non-public areas.

10400 Signage

A. Furnish all required permits, labor, supervision, materials, services and equipment required in conjunction with required signage. Coordinate and provide all electrical connections to Owner's sign Company.

B. Furnish and install all exterior address signage, parking lot signage for ADA and all interior ADA and restroom signage.

10521 Portable Fire Extinguishers

Provide and install a fire extinguisher with cabinet at each exit. Ambassador series #1017-S21 ABC rated 10lb. "Cosmic" 10E..

10701 Exterior Fabric Awnings

Coordinate and furnish electrical for backlit awnings to be provided and installed Owner's sign company.

10800 Toilet Room Accessories

Provide and install toilet room accessories as scheduled and as required by ADA and local and state accessibility codes.

DIVISION 11 - EQUIPMENT

11400 Fixtures and Equipment

Install all Fixtures and Equipment as scheduled for a complete and proper operation. General Contractor shall coordinate and interface with the work of this section, including but not limited to wood blocking, anchors, assembly, installation, hook-up and start-up of all required equipment.

DIVISION 12 - FURNISHINGS

12100 Decor

Coordinate the installation of Owner furnished Decor and Signage

12521 Motorized Window Shades

Install Owner furnished "MACO" window shades with required electrical circuitry provided.

12600 Furniture

Install and set up Owner furnished furniture.

DIVISION 13 - DIVISION 14

Not Used

DIVISION 15 - MECHANICAL

15330 New Fire Sprinkler System

Furnish and install building sprinkler system with alarm system to local restaurant codes, including Fire Alarm Control Panel (FACP) if required by governing agencies. Submit drawings for review.

15401 Domestic Water

Provide a minimum of 2" domestic water service with 1-1/2" meter tap to provide 45 GPM at a minimum of 35 PSI inside of lease space. Provide and install all piping, components and fixtures necessary for a complete and proper domestic water system to accommodate all required equipment and comply with all governmental agencies. Water heater dielectric unions are required at water heater connections and at water piping joints between different materials.

15402 Sanitary Sewer

Provide 6" sanitary service to space at an invert that will allow a grease trap adequate flow. Provide and install a complete and proper sanitary sewer system with all required vents, fixtures, clean-outs and components to accommodate all required equipment and comply with all governmental agencies.

15403 Grease Trap

Provide grease trap with a minimum capacity as required by code with sample well, at adequate elevation to insure proper drainage and to comply with all governmental agencies.

15425 Gas System

Provide and install Natuarl Gas Service, piping system and gas fired equipment in accordance with all codes and ordinances. Install all equipment in accordance with manufacturer's recommendations.

15450 Plumbing Fixtures

Furnish and install all plumbing fixtures as scheduled to provide a complete and working system.

15731 Compressed Air System

Provide complete air line system as required by Owner. Install Owner furnished compressor.
Furnish and install all components and accessories as shown for a complete working system.

15805 Air Distribution

A. Provide roof top air conditioning units (RTU) divided into zones as shown. Units shall be Carrier, Roof Top, single package type, combination air-to-air cooling and gas-fired heating, mounted on a full perimeter roof curb. Provide economizer package, disconnects, WP outlet and integral wiring.
Contact Laraine Smith at UTC Carrier, A&R Bldg, Carrier Pkwy, Syracuse, NY 13221 800/690-1081.

B. Duct work to be designed with ridged duct sheetmetal with 1" insulated liner and located above the ceiling grid. Inside air conditions shall be maximum 75F and 50% relative humidity.
Registers and grills to be included. Heating medium to be natural gas with inside temperature of minimum of 65 F.

15903 Controls

Provide and install programmable thermostats in manager's office with sensors located in zone served.
Review and coordinate all sensor locations with Owner's decor placement prior to installation.

15950 System Balancing

Provide complete Testing and Balancing Report at completion as a condition of final payment.

DIVISION 16 - ELECTRICAL

16100 Service

Provide and install 120/208 3-phase, 4-wire electrical metered service as shown with a fused disconnect in accordance with all applicable codes. All components shall be as required by the National Electric Code.

16300 Raceway Systems

National Electric Code requires transformers and electronic power supplies to be identified for their use and to be listed. Transformers and electronic power supplies shall have secondary ground fault protection.

A. Rigid steel Conduit: Shall be constructed of mild steel piping, galvanized inside and outside. Conforming in all respects with Federal Specification WW-C-581C, ANSI C80.1, and applicable UL standards. Join rigid steel conduit by using hot-dipped galvanized threaded couplings.

B. Electric metallic tubing (EMT): EMT shall be of high grade, steel, manufactured specifically to standards assuring maximum welding characteristics and ductility. EMT shall conform in all respects to Federal Specification WW-T-806b.

ALL ON-SITE ELECTRICAL CONDUCTORS ASSOCIATED WITH NEW CONSTRUCTION SHALL BE LOCATED UNDERGROUND.

C. Polyvinyl chloride - rigid nonmetallic - conduit (PVC):PVC conduit shall be rigid, Schedule 40, conforming in all respects to the applicable requirements of ASTM D-1784, D-883 and D-1600, and NEMA 3-9. PVC conduit shall be Type U (designed for underground installation without encasement concrete) joined with EPC-40-PVC couplings of the solvent cement type to provide complete water tight joints. Conduit systems shall be UL Listed for underground use, and shall be in conformance with the NEC.

SEPARATE PLUMBING, MECHANICAL, ELECTRICAL AND SIGN PERMITS SHALL BE REQUIRED.

D. Corrosion protected conduit: shall be rigid steel conduit exactly as specified above furnished with a permanent, factory-fused polyvinyl jacket not less than 40 mils thick.

E. Flexible metal conduit: shall be manufactured of mild steel strip material having a hot dip galvanized coating and meeting requirements of Federal Specification WW-C-566b for flexible metal conduit.

GENERAL, MECHANICAL, ELECTRICAL PLUMBING CONTRACTORS SHALL BE REGISTERED WITH THE CITY OF GRAPEVINE. REGISTRATION FEE IS _____.

F. Liquid tight flexible conduit: shall be manufactured exactly as specified for flexible metal conduit and, in addition, shall have a copper grounding strand and factory applied neoprene jacket. Liquid tight flexible conduit shall be UL Listed, Anaconda "Sealtite", Type UA.

16400 Distribution and Lighting Panelboards

All panelboards and switchgear shall be on one manufacturer, in accordance with NEMA standards and bear Underwriters' Lab labels.

Main's service safety disconnect will have as removable trip mod

16500 Lighting

Furnish and install all lighting fixtures with lamps as schedu
Irving, TX 214/790-7000.

16721 Fire Alarm System

Furnish and install complete Fire Alarm System as required by
submittals, fees, permits and approvals.

16725 Security Access System

Provide and coordinate installation with Owner's Secu

CITY OF GRAPEVINE
RELEASED FOR CONSTRUCTION
SHEET _____ OF _____
RELEASE DOES NOT AUTHORIZE ANY WORK IN CONFLICT WITH THE BUILDING CODE OR ZONING ORDINANCE
THIS PLAN TO BE KEPT ON THE JOB AT ALL TIMES
DATE _____ BY _____
BUILDING INSPECTION DIVISION
RELEASE DOES NOT APPLY TO CONSTRUCTION IN EASEMENTS OR ON PUBLIC RIGHT-OF-WAY.
ALL CHANGES MUST BE APPROVED.

CONTRACTOR SHALL CALL FOR INSPECTIONS.
CONTRACTOR REGISTRATION WILL BE REVOKED UPON PERMIT EXPIRATION.

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ARCHITECTURE - PLANNING - DESIGN
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1010 W. EULESS BLVD., SUITE 110
EULESS, TX 76040
817 354-8010

CHUCK E. CHEESE'S PIZZA. #854
GRAPEVINE MILLS MALL
GRAPEVINE, TX
C. E. C. ENTERTAINMENT, INC.
4441 WEST AIRPORT FREEWAY
IRVING, TEXAS 75062

GRAPEVINE, TX

SPECIFICATIONS

STATE OF TEXAS REGISTERED ARCHITECT C.T. CHANG

Date
11/21/2001

Revisions

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88-854

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